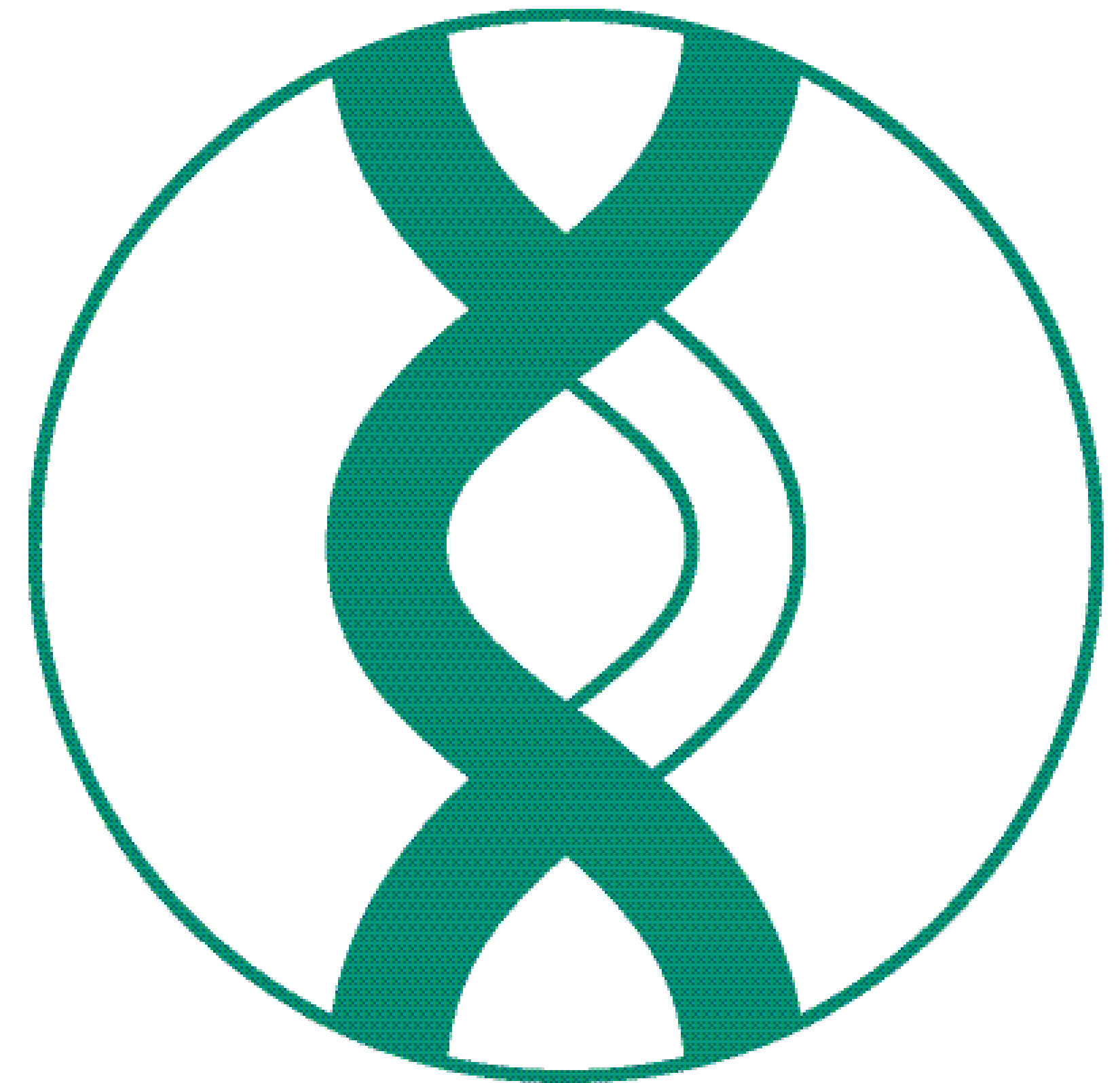


Selection guide

pGEX vectors, GST Gene Fusion System



Map of the glutathione S-transferase fusion vectors showing reading frames and main features. Even though stop codons in all three frames are not depicted in this map, all thirteen vectors have stop codons in all three frames downstream from the multiple cloning site.

pGEX-1λT

Thrombin
 Leu Val Pro Arg Gly Ser Pro Glu Phe Ile Val Thr Asp
 CTG GTT CCG CGT GGA TCC CCG GAA TTC ATC GTG ACT GAC TGA CGA
 BamHI EcoRI Stop codons

pGEX-2T

Thrombin
 Leu Val Pro Arg Gly Ser Pro Gly Ile His Arg Asp
 CTG GTT CCG CGT GGA TCC CCG GGA ATT CAT CGT GAC TGA CTG ACG
 BamHI SmaI EcoRI Stop codons

pGEX-2TK

Thrombin Kinase
 Leu Val Pro Arg Gly Ser Arg Arg Ala Ser Val
 CTG GTT CCG CGT GGA TCT CGT CGT GCA TCT GTT GGA TCC CCG GGA ATT CAT CGT GAC TGA
 BamHI SmaI EcoRI Stop codons

pGEX-4T-1

Thrombin
 Leu Val Pro Arg Gly Ser Pro Glu Phe Pro Gly Arg Leu Glu Arg Pro His Arg Asp
 CTG GTT CCG CGT GGA TCC CCG GAA TTC CCG GGT CGA CTC GAG CGG CCG CAT CGT GAC TGA
 BamHI EcoRI SmaI Sall XhoI NotI Stop codons

pGEX-4T-2

Thrombin
 Leu Val Pro Arg Gly Ser Pro Gly Ile Pro Gly Ser Thr Arg Ala Ala Ala Ser
 CTG GTT CCG CGT GGA TCC CCA GGA ATT CCC GGG TCG ACT CGA GCG GCC GCA TCG TGA
 BamHI EcoRI SmaI Sall XhoI NotI Stop codon

pGEX-4T-3

Thrombin
 Leu Val Pro Arg Gly Ser Pro Asn Ser Arg Val Asp Ser Ser Gly Arg Ile Val Thr Asp
 CTG GTT CCG CGT GGA TCC CCG AAT TCC CCG GTC GAC TCG AGC GGC CGC ATC GTG ACT GAC TGA
 BamHI EcoRI SmaI Sall XhoI NotI Stop codons

pGEX-3X

Factor Xa
 Ile Glu Gly Arg Gly Ile Pro Gly Asn Ser Ser
 ATC GAA GGT CGT GGG ATC CCC GGG AAT TCA TCG TGA CTG ACT GAC
 BamHI SmaI EcoRI Stop codons

pGEX-5X-1

Factor Xa
 Ile Glu Gly Arg Gly Ile Pro Glu Phe Pro Gly Arg Leu Glu Arg Pro His Arg Asp
 ATC GAA GGT CGT GGG ATC CCC GAA TTC CCG GGT CGA CTC GAG CGG CCG CAT CGT GAC TGA
 BamHI EcoRI SmaI Sall XhoI NotI Stop codons

pGEX-5X-2

Factor Xa
 Ile Glu Gly Arg Gly Ile Pro Gly Ile Pro Gly Ser Thr Arg Ala Ala Ala Ser
 ATC GAA GGT CGT GGG ATC CCC GGA ATT CCC GGG TCG ACT CGA GCG GCC GCA TCG TGA
 BamHI EcoRI SmaI Sall XhoI NotI Stop codon

pGEX-5X-3

Factor Xa
 Ile Glu Gly Arg Gly Ile Pro Arg Asn Ser Arg Val Asp Ser Ser Gly Arg Ile Val Thr Asp
 ATC GAA GGT CGT GGG ATC CCC AGG AAT TCC CCG GTC GAC TCG AGC GGC CGC ATC GTG ACT GAC TGA
 BamHI EcoRI SmaI Sall XhoI NotI Stop codons

pGEX-6P-1

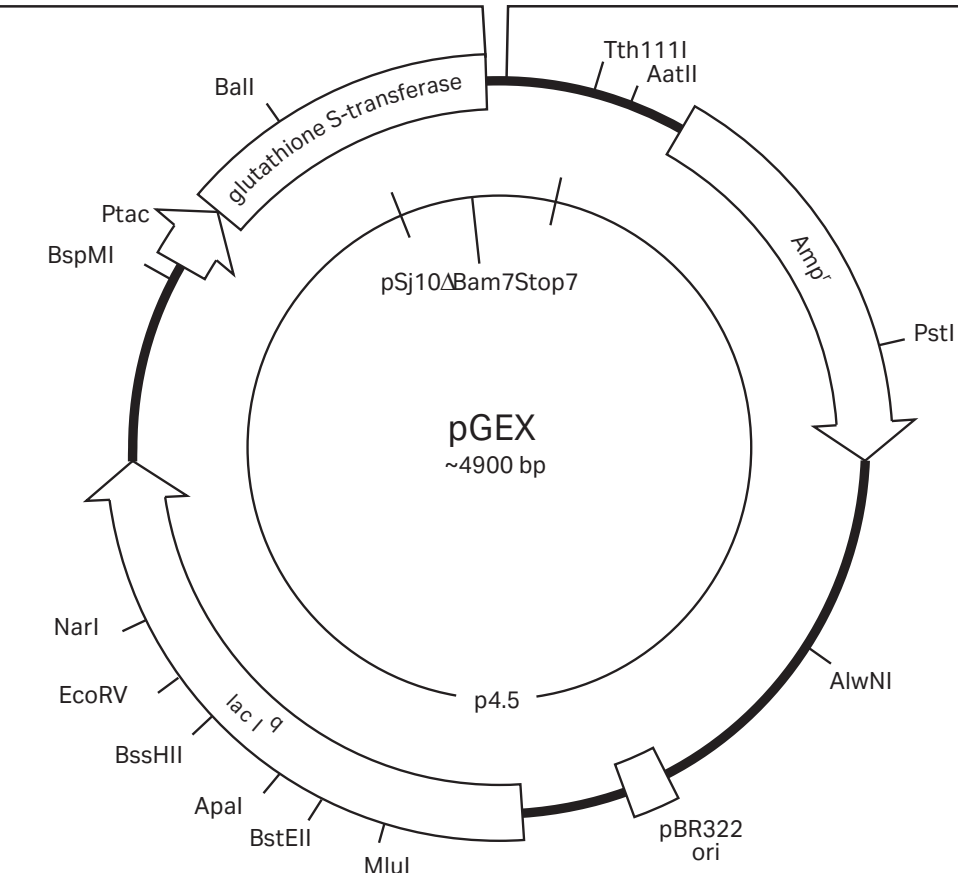
PreScission™ Protease
 Leu Glu Val Leu Phe Gln Gly Pro Leu Gly Ser Pro Glu Phe Pro Gly Arg Leu Glu Arg Pro His
 CTG GAA GTT CTG TTC CAG GGG CCC CTG GGA TCC CCG GAA TTC CCG GGT CGA CTC GAG CGG CCG CAT
 BamHI EcoRI SmaI Sall XhoI NotI

pGEX-6P-2

PreScission Protease
 Leu Glu Val Leu Phe Gln Gly Pro Leu Gly Ser Pro Gly Ile Pro Gly Ser Thr Arg Ala Ala Ala Ser
 CTG GAA GTT CTG TTC CAG GGG CCC CTG GGA TCC CCA GGA ATT CCC GGG TCG ACT CGA GCG GCC GCA TCG
 BamHI EcoRI SmaI Sall XhoI NotI

pGEX-6P-3

PreScission Protease
 Leu Glu Val Leu Phe Gln Gly Pro Leu Gly Ser Pro Asn Ser Arg Val Asp Ser Ser Gly Arg
 CTG GAA GTT CTG TTC CAG GGG CCC CTG GGA TCC CCG AAT TCC CCG GTC GAC TCG AGC GGC CGC
 BamHI EcoRI SmaI Sall XhoI NotI



Ordering information

Product	Quantity	Code no
pGEX-1 λ T EcoRI/BAP	5 μ g	28-9546-56
pGEX-2T	25 μ g	28-9546-53
pGEX-2TK	25 μ g	28-9546-46
pGEX-3X	25 μ g	28-9546-54
pGEX-4T-1	25 μ g	28-9545-49
pGEX-4T-2	25 μ g	28-9545-50
pGEX-4T-3	25 μ g	28-9545-52
pGEX-5X-1	25 μ g	28-9545-53
pGEX-5X-2	25 μ g	28-9545-54
pGEX-5X-3	25 μ g	28-9545-55
pGEX-6P-1	25 μ g	28-9546-48
pGEX-6P-2	25 μ g	28-9546-50
pGEX-6P-3	25 μ g	28-9546-51

Do you want to learn more? Read the *GST Gene Fusion System Handbook* (18-1142-75). Please contact your local Cytiva representative for a printed copy.

[cytiva.com/pgex](https://www.cytiva.com/pgex)

Cytiva and the Drop logo are trademarks of Global Life Sciences IP Holdco LLC or an affiliate. PreScission is a trademark of Global Life Sciences Solutions USA LLC or an affiliate doing business as Cytiva.

pGEX vectors are to be used for scientific investigation and research and for no other purpose whatsoever and a license for commercial use of the licensed products and the processes claimed in US patent 5,654,176 and equivalent patents and patent applications in other countries must be negotiated directly with Millipore Corp (formerly Chemicon International Inc) by the purchaser prior to such use.

© 2020 Cytiva

All goods and services are sold subject to the terms and conditions of sale of the supplying company operating within the Cytiva business. A copy of those terms and conditions is available on request. Contact your local Cytiva representative for the most current information.

For local office contact information, visit [cytiva.com/contact](https://www.cytiva.com/contact)

CY14827-24Nov20-SG

