

Gamma-Glutamyltransferase 5 Recombinant Protein | gGT5 recombinant protein

Recombinant Gamma-Glutamyl transferase 5 (gGT5)

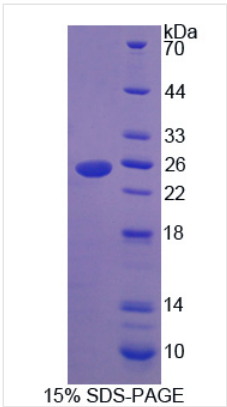
CATALOG # AAA144420	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Gamma-Glutamyltransferase 5; Recombinant Gamma-Glutamyl transferase 5 (gGT5); gGT5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	TSHVSVLGED GSAVAATSTI NTPFGAMVYS PRTGIILNNE LLDLCERCPR GSGTTPSPVS GDRVGGAPGR CWPPVPGERS PSSMVP SILI NKAQGSKLVI GGAGGELIIS AVAQAIMSKL WLGFDLRAAI AAPILHVNSK GCVEYEPNFS QEVQRGLQDR GQNQTQRPFF LNVVQAVSQE GACVYAVSDL RKSGEAAGY
Sequence Length	572
Applicable Applications for gGT5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Thr388~Tyr586
Tags	N-terminal His Tag
Subcellular Location	Membrane
Predicted isoelectric point	6.7
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	56799404
NCBI GeneID	29566
NCBI Accession #	NP_062108.2
NCBI GenBank Nucleotide #	NM_019235.2
Molecular Weight	Predicted Molecular Mass: 24.5kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	gamma-glutamyltransferase 5
NCBI Official Synonym Full Names	gamma-glutamyltransferase 5
NCBI Official Symbol	Ggt5
NCBI Official Synonym Symbols	Ggta1; Ggta1
NCBI Protein Information	gamma-glutamyltransferase 5
UniProt Protein Name	Gamma-glutamyltransferase 5
UniProt Gene Name	Ggt5
UniProt Synonym Gene Names	Ggta1; GGT 5; GGL; GGT-rel
UniProt Entry Name	GGT5_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.