

GGH recombinant protein

GGH, 25-318aa, Human, His tag, E Coli

CATALOG # AAA48709	HOST E Coli	APPLICATIONS SDS-Page
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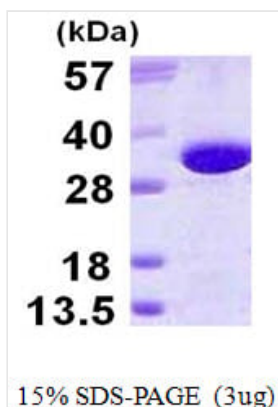
PRODUCT SYNONYMS

GGH; 25-318aa; Human; His tag; E Coli; Gamma-glutamyl hydrolase; GH; GGH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MRPHGDTAKK PIIGILMQKC RNKVMKNYGR YYIAASYVKY LESAGARVVP VRDLTEKDY EILFKSINGI LFPGGSVDLR RSDYAKVAKI FYNLSIQSFD DGDYFPVWGT CLGFEELSL ISGECLLTAT DTVDVAMPLN FTGGQLHSRM FQNFPTLLL SLAVEPLTAN FHKWSLSVKN FTMNEKLKKF FNVLTNTDGD KIEFISTMEG YKYPVYGVQW HPEKAPYEWK NLDGISHAPN AVKTA FYLA E FFFVNEARKNN HHFKSESEEE KALIYQFSPI YTGNISSFQQ CYIFD
Sequence Length	318
Applicable Applications for GGH recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GGH recombinant protein	Gamma-glutamyl hydrolase, also known as GGH, is a homodimeric protein that catalyzes the cleavage of the gamma-glutamyl chain of folypoly-gamma-glutamyl substrates and is a central enzyme in folyl and antifolyl poly-gamma-glutamate metabolism. GGH may play an important role in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of pteroylpolyglutamates and antifolates. Recombinant human GGH protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for GGH recombinant protein	Metabolism
References	Rhee M S., et al. (1998) Mol Pharmacol. 53:1040-1046.; Galivan J., et al. (1999) Semin Oncol. 26:33-37.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503987
NCBI GeneID	8836
NCBI Accession #	NP_003869
NCBI GenBank Nucleotide #	NM_003878.2
UniProt Accession #	Q92820
Molecular Weight	35.9 kDa (315aa) confirmed by MALDI-TOF
NCBI Official Full Name	gamma-glutamyl hydrolase
NCBI Official Synonym Full Names	gamma-glutamyl hydrolase
NCBI Official Symbol	GGH
NCBI Official Synonym Symbols	GH
NCBI Protein Information	gamma-glutamyl hydrolase
UniProt Protein Name	Gamma-glutamyl hydrolase
UniProt Gene Name	GGH

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.

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Online datasheet: <https://stage.aaabiotech.com/ggh-recombinant-protein-e-coli-sds-page/48709>