

Gamma-Glutamyl Hydrolase Human Recombinant

Item Number	rAP-1182
Synonyms	Gamma-glutamyl hydrolase (conjugase, foyl/polygammaglutamyl hydrolase), Gamma-Glu-X carboxypeptidase, gamma-glutamyl hydrolase, Conjugase, GH, EC 3.4.19.9.
Description	GGH Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (25-318) and having a molecular mass of 35.9kDa. GGH is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q92820
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MRPHGDTAKK PIIGILMQKC RNKVMKNYGR YYIAASYVKY LESAGARVVP VRDLTEKDY EILFKSINGI LFPGGSVDLR RSDYAKVAKI FYNLSIQSFD DGDYFPVWGT CLGFEELSLL ISGECLLTAT DTVDVAMPLN FTGGQLHSRM FQNFPTLELL SLAVEPLTAN FHKWSLSVKN FTMNEKLKKF FNVLTNTDGT KIEFISTMEG YKYPVYGVQW HPEKAPYEWK NLD- GISHAPN AVKTAFLAE FVNEARKNN HHFKSESEEE KALIYQFSPI YTGNISSFQQ CYIFD
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The GGH solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**