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Product Datasheet

Recombinant Human Gamma-glutamyl hydrolase/GGH Protein, E. coli ABB-RP01957

Article Name	Recombinant Human Gamma-glutamyl hydrolase/GGH Protein, E. coli
Biozol Catalog Number	ABB-RP01957
Supplier Catalog Number	RP01957
Alternative Catalog Number	ABB-RP01957-20UG, ABB-RP01957-50UG, ABB-RP01957-500UG, ABB-RP01957-10UG, ABB-RP01957-100UG, ABB-RP01957-1000UG
Manufacturer	ABclonal
Host	E. coli
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Arg25-Asp318
Product Description	Gamma-glutamyl hydrolase/GGH regulates intracellular folates and antifolates such as methotrexate (MTX) for proper nucleotide biosynthesis and antifolate-induced cytotoxicity, respectively. GGH is a ubiquitously-expressed enzyme that regulates intrac...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	34.93 kDa
NCBI	8836
UniProt	Q92820
Purity	95 % as determined by SDS-PAGE.

Form	Lyophilized from a 0.22 µm filtered solution of 20mM HEPES, 150mM NaCl, 1mM TCEP, pH 8.0.
Sequence	RPHGDTAKKPIIGILMQKCRNKVMKNYGRYYIAASYVKYLESAGARVVPVRLDL TEKDYEILFKSINGILFPGGSVDLRRSDYAKVAKIFYNLSIQSFDDGDYFPVWGT CLGFEELSLLISGECLLTATDTVDVAMPLNFTGGQLHSRMFQNFPTELLSSLAV EPLTANFHKWSLSVKNFTMNEKLKKFFNVLTNTDGTKIEFISTMEGYKYPVYGV QWHPEKAPYEWKNLDGISHAPNAVKTAFYLAEFFVNEA
Target	GGH
Application Dilute	Lyophilized from a 0.22 µm filtered solution of 20mM HEPES, 150mM NaCl, 1mM TCEP, pH 8.0.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Other Recombinant Protein