

32-2358: GGH Recombinant Protein

Alternative Name : Gamma-glutamyl hydrolase (conjugase,folylpolygammaglutamyl hydrolase),Gamma-Glu-X carboxypeptidase,gamma-glutamyl hydrolase,Conjugase,GH,EC 3.4.19.9.

Description

Source : E.coli. 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. GGH is a homodimeric protein which catalyzes the cleavage of the gamma-glutamyl chain of folylpoly-gamma-glutamyl substrates. GGH is a vital enzyme in folyl and antifolyl poly-gamma-glutamate metabolism and it has a significant part in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of antifolates and pteroylpolyglutamates.

Product Info

Amount : 20 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The GGH solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MRPHGDTAKK PIIGILMQKC RNKVMKNYGR YYIAASYVKY LESAGARVVP
VRDLTEKDY EILFKSINGI LFPGGVDLR RSDYAKVAKI FYNLSIQSFD DGDYFPVWGT CLGFEELSL
ISGECLLTAT DTVDVAMPLN FTGGQLHSRM FQNFTELLL SLAVEPLTAN FHKWLSLVKN FTMNEKLLKF
FNVLTNTDYG KIEFISTMEG YKYPVYGVQW HPEKAPYEWK NLDGISHAPN AVKTAFYLAE FFFVNEARKNN
HHFKSESEEE KALIYQFSPI YTGNISSFQQ CYIFD