Recombinant Human GLS2, GST-tagged

Cat. No. GLS2-13316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLS2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-60a.a.
Description	This gene catalyzes the hydrolysis of folylpoly-gamma-glutamates and antifolylpoly-gamma-glutamates by the removal of gamma-linked polyglutamates and glutamate.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	GLS2 glutaminase 2 (liver, mitochondrial) [Homo sapiens]
Official Symbol	GLS2
Synonyms	GLS2; glutaminase 2 (liver, mitochondrial); glutaminase liver isoform, mitochondrial;

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	GA; GLS; hLGA; LGA; L-glutaminase; glutaminase I; glutaminase GA; breast cell glutaminase; L-glutamine amidohydrolase; phosphate-activated glutaminase; phosphate-dependent glutaminase; MGC71567;
Gene ID	27165
mRNA Refseq	NM_013267
Protein Refseq	NP_037399
MIM	606365
UniProt ID	Q9UI32
Chromosome Location	12q13
Pathway	Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; D-Glutamine and D-glutamate metabolism, organism-specific biosystem; D-Glutamine and D-glutamate metabolism, conserved biosystem;
Function	glutaminase activity; hydrolase activity; protein binding;

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