



GLS2 blocking peptide (CDBP5488)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a mitochondrial phosphate-activated glutaminase that catalyzes the hydrolysis of glutamine to stoichiometric amounts of glutamate and ammonia. Originally thought to be liver-specific, this protein has been found in other tissues as well. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Jul 2013]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GLS2 glutaminase 2 (liver, mitochondrial) [Homo sapiens (human)]
Official Symbol	GLS2
Synonyms	GLS2; glutaminase 2 (liver, mitochondrial); GA; GLS; LGA; hLGA; glutaminase liver isoform, mitochondrial; glutaminase I; breast cell glutaminase; L-glutamine amidohydrolase; phosphate-activated glutaminase; phosphate-dependent glutaminase
Entrez Gene ID	27165

mRNA Refseq	NM_001280796
Protein Refseq	NP_001267725
UniProt ID	Q9UI32
Pathway	Alanine; Amino acid synthesis and interconversion (transamination); Arginine and proline metabolism; D-Glutamine and D-glutamate metabolism; GABAergic synapse; Glutamate Neurotransmitter Release Cycle; Glutamatergic synapse; Metabolism
Function	glutaminase activity; protein binding
