



## 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](#)

<b>mRNA Refseq</b>	<a href="#">NM_001280796</a>
<b>Protein Refseq</b>	<a href="#">NP_001267725</a>
<b>UniProt ID</b>	Q9UI32
<b>Pathway</b>	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
<b>Function</b>	glutaminase activity; protein binding