

Recombinant Mouse Gls Protein, Myc/DDK-tagged

Cat. No. Gls-3231M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glutaminase (Gls), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays a role in maintaining acid-base homeostasis. Regulates the levels of the neurotransmitter glutamate, the main excitatory neurotransmitter in the brain.
Molecular Mass	66 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Gls glutaminase [Mus musculus (house mouse)]
Official Symbol	Gls
Synonyms	GLS; glutaminase; AI314027; 6330442B14; B230365M23Rik
Gene ID	14660
mRNA Refseq	NM_001113383
Protein Refseq	NP_001106854
UniProt ID	D3Z7P3

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