

Recombinant Mouse Glul Protein, MYC/DDK-tagged

Cat. No. Glul-1028M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse glutamate-ammonia ligase (glutamine synthetase) (Glul), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in genital fat pad adult (RPKM 555.7), frontal lobe adult (RPKM 388.8) and 24 other tissues.
Molecular Mass	42.6 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 g/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	Glul glutamate-ammonia ligase (glutamine synthetase) [Mus musculus (house mouse)]
Official Symbol	Glul
Synonyms	Glul; glutamate-ammonia ligase (glutamine synthetase); GS; Glus; glutamine synthetase; glutamate decarboxylase; glutamate-ammonia ligase (glutamine synthase); palmitoyltransferase GLUL; EC 2.3.1.225; EC 6.3.1.2
Gene ID	14645
mRNA Refseq	NM_008131
Protein Refseq	NP_032157
UniProt ID	P15105

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