

Recombinant Mouse Gucy1b1 Protein, Myc/DDK-tagged

Cat. No. Gucy1b1-3340M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length guanylate cyclase 1, soluble, beta 1 (Gucy1b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in frontal lobe adult (RPKM 33.9), cortex adult (RPKM 28.6) and 20 other tissues.
Molecular Mass	69.4 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	Gucy1b1 guanylate cyclase 1, soluble, beta 1 [Mus musculus (house mouse)]
Official Symbol	Gucy1b1
Synonyms	Gucy1b1; guanylate cyclase 1, soluble, beta 1; GCbeta1; Gucy1b3; GC-S-beta-1; guanylate cyclase soluble subunit beta-1; GCS-beta-1; GCS-beta-3; NO-sensitive guanylyl cyclase beta 1 subunit; beta 1 sGC; guanylate cyclase 1, soluble, beta 3; guanylate cyclase soluble subunit beta-3; soluble guanylate cyclase beta-1 subunit; soluble guanylate cyclase small subunit; EC 4.6.1.2
Gene ID	54195
mRNA Refseq	NM_001161796
Protein Refseq	NP_001155268
UniProt ID	Q80YP4

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