Recombinant Mouse Gucy1a1 Protein, Myc/DDK-tagged

Cat. No. Gucy1a1-3339M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length guanylate cyclase 1, soluble, alpha 1 (Gucy1a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	There are two types of guanylate cyclases: soluble forms and membrane-associated receptor forms.
Molecular Mass	77.6 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 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	Gucy1a1 guanylate cyclase 1, soluble, alpha 1 [Mus musculus (house mouse)]
Official Symbol	Gucy1a1
Synonyms	Gucy1a1; guanylate cyclase 1, soluble, alpha 1; sGC-a; Gucy1a; Gucy1a3; sGC-alpha1; GCS-alpha-1; GCS-alpha-3; 1200016O07Rik; guanylate cyclase soluble subunit alpha-1; guanylate cyclase 1, soluble, alpha 3; guanylate cyclase soluble subunit alpha-3; soluble guanylate cyclase large subunit; EC 4.6.1.2
Gene ID	60596
mRNA Refseq	NM_021896
Protein Refseq	NP_068696
UniProt ID	Q9ERL9

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