

Recombinant Mouse Guk1 Protein, MYC/DDK-tagged

Cat. No. Guk1-1080M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse guanylate kinase 1 (Guk1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Essential for recycling GMP and indirectly, cGMP.
Molecular Mass	24 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

Gene Name Guk1 guanylate kinase 1 [*Mus musculus* (house mouse)]

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Official Symbol	Guk1
Synonyms	Guk1; guanylate kinase 1; Gmk; Guk-1; AA409738; AL033299; AL033300; AV026611; guanylate kinase; GMP kinase; EC 2.7.4.8
Gene ID	14923
mRNA Refseq	NM_008193
Protein Refseq	NP_032219
UniProt ID	Q564G0

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