Recombinant Mouse Bpgm Protein, MYC/DDK-tagged

Cat. No. Bpgm-721M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse 2,3-bisphosphoglycerate mutase (Bpgm), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a major role in regulating hemoglobin oxygen affinity by controlling the levels of its allosteric effector 2,3-bisphosphoglycerate (2,3-BPG). Also exhibits mutase (EC 5.4.2.1) activity.
Molecular Mass	30 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	Bpgm 2,3-bisphosphoglycerate mutase [Mus musculus (house mouse)]
Official Symbol	Bpgm
Synonyms	Bpgm; 2,3-bisphosphoglycerate mutase; C86192; AI323730; AL022789; bisphosphoglycerate mutase; 2,3-bisphosphoglycerate mutase, erythrocyte; 2,3-bisphosphoglycerate synthase; BPG-dependent PGAM; EC 5.4.2.11; EC 5.4.2.4
Gene ID	12183
mRNA Refseq	NM_007563
Protein Refseq	NP_031589
UniProt ID	P15327

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