Recombinant Mouse Hprt Protein, MYC/DDK-tagged

Cat. No. Hprt-1166M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse hypoxanthine guanine phosphoribosyl transferase (Hprt), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine nucleotides through the purine salvage pathway.
Molecular Mass	24.5 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

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Hprt hypoxanthine guanine phosphoribosyl transferase [Mus musculus (house mouse)]
Official Symbol	Hprt
Synonyms	Hprt; hypoxanthine guanine phosphoribosyl transferase; HPGRT; Hprt1; C81579; hypoxanthine-guanine phosphoribosyltransferase; HGPRT; HGPRTase; HPRT B; hypoxanthine guanine phosphoribosyl transferase 1; EC 2.4.2.8
Gene ID	15452
mRNA Refseq	NM_013556
Protein Refseq	NP_038584
UniProt ID	P00493

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