

Recombinant Mouse Dph6 Protein, Myc/DDK-tagged

Cat. No. Dph6-1780M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATP binding domain 4 (cDNA clone MGC:35721 IMAGE:5363234), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Amidase that catalyzes the last step of diphthamide biosynthesis using ammonium and ATP. Diphthamide biosynthesis consists in the conversion of an L-histidine residue in the translation elongation factor 2 (EEF2) to diphthamide.
Molecular Mass	25 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.

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GENE INFORMATION

Gene Name	Dph6 diphthamine biosynthesis 6 [Mus musculus (house mouse)]
Official Symbol	Dph6
Synonyms	Dph6; diphthamine biosynthesis 6; Atpb; Atpbd4; 5730421E18Rik; diphthine--ammonia ligase; ATP binding domain 4; ATP-binding domain-containing protein 4; diphthamide synthase; diphthamide synthetase; protein DPH6 homolog; EC 6.3.1.14
Gene ID	66632
mRNA Refseq	NM_025675
Protein Refseq	NP_079951
UniProt ID	Q9CQ28

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