Recombinant Mouse Dph7 Protein, Myc/DDK-tagged

Cat. No. Dph7-2637M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length diphthamine biosynethesis 7 (Dph7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the demethylation of diphthine methyl ester to form diphthine, an intermediate diphthamide biosynthesis, a post-translational modification of histidine which occurs in translation elongation factor 2 (EEF2).
Molecular Mass	53.2 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	Dph7 diphthamine biosynethesis 7 [Mus musculus (house mouse)]
Official Symbol	Dph7
Synonyms	Dph7; diphthamine biosynethesis 7; Wdr8; Wdr85; AW060693; 2810443J12Rik; diphthine methyltransferase; WD repeat domain 85; WD repeat-containing protein 85; WD40 repeat domain 85; diphthamide biosynthesis protein 7; EC 3.1.1.97
Gene ID	67228
mRNA Refseq	NM_026044
Protein Refseq	NP_080320
UniProt ID	Q9CYU6

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