Recombinant Mouse Dph2 Protein, Myc/DDK-tagged

Cat. No. Dph2-2635M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DPH2 homolog (Dph2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for the first step in the synthesis of diphthamide, a post-translational modification of histidine which occurs in translation elongation factor 2 (EEF2).
Molecular Mass	52.4 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	Dph2 DPH2 homolog [Mus musculus (house mouse)]
Official Symbol	Dph2
Synonyms	DPH2; DPH2 homolog (S. cerevisiae); diphthamide biosynthesis protein 2; DPH2-like 2; diphthamide biosynthesis protein 2 homolog-like 2; diptheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces)-like 1; diptheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces)-like 2; Dph2l2; AI467389; 9130020C19Rik
Gene ID	67728
mRNA Refseq	NM_026344
Protein Refseq	NP_080620
UniProt ID	Q9CR25

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