

Recombinant Mouse Enoph1 Protein, Myc/DDK-tagged

Cat. No. Enoph1-2828M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length enolase-phosphatase 1 (Enoph1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Bifunctional enzyme that catalyzes the enolization of 2,3-diketo-5-methylthiopentyl-1-phosphate (DK-MTP-1-P) into the intermediate 2-hydroxy-3-keto-5-methylthiopentenyl-1-phosphate (HK-MTPenyl-1-P), which is then dephosphorylated to form the acireductone 1,2-dihydroxy-3-keto-5-methylthiopentene (DHK-MTPene).
Molecular Mass	28.6 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	Enoph1 enolase-phosphatase 1 [Mus musculus (house mouse)]
Official Symbol	Enoph1
Synonyms	ENOPH1; enolase-phosphatase 1; enolase-phosphatase E1; MASA homolog; 2,3-diketo-5-methylthio-1-phosphopentane phosphatase; C81437; BB183658; 2310057D15Rik
Gene ID	67870
mRNA Refseq	NM_026421
Protein Refseq	NP_080697
UniProt ID	Q8BGB7

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