Recombinant Mouse Naxe Protein, Myc/DDK-tagged

Cat. No. Naxe-4299M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NAD(P)HX epimerase (Naxe), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the epimerization of the S- and R-forms of NAD(P)HX, a damaged form of NAD(P)H that is a result of enzymatic or heat-dependent hydration. This is a prerequisite for the S-specific NAD(P)H-hydrate dehydratase to allow the repair of both epimers of NAD(P)HX. Accelerates cholesterol efflux from endothelial cells to high-density lipoprotein (HDL) and thereby regulates angiogenesis.
Molecular Mass	31 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	Naxe NAD(P)HX epimerase [Mus musculus (house mouse)]
Official Symbol	Naxe
Synonyms	Naxe; NAD(P)HX epimerase; AI; AP; AIBP; AI-BP; ESTM3; ESTM37; Apoa1bp; Apoa1ip; AA087124; NAD(P)H-hydrate epimerase; apoA-I binding protein; apolipoprotein A-I binding protein; apolipoprotein A-I interacting protein; EC 5.1.99.6
Gene ID	246703
mRNA Refseq	NM_144897
Protein Refseq	NP_659146
UniProt ID	Q8K4Z3

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