

Product datasheet for TP503820

Naxe (NM_144897) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NAD(P)HX epimerase (Naxe), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203820 protein sequence Red =Cloning site Green =Tags(s)

MSGLRLLGLGLLVAGSRLPRVISQQSVCRARPIWWGTQRRGSETMAGAAVKYLSQEEAQAVDQELFNEY
QFSVDQLMELAGLSCATAIAKAYPPTSMSKSPPTVLVICGPGNNGDGLVCARHLKLFQYQPTIYYPKRP
NKPLFTGLVTQCQKMDIPFLGEMPEPMMVDELYELVVD AIFGFSFKGDVREPFHSILSVLSGLTVPIAS
IDIPSGWDVEKGNPSGIQPDLLISLTAPKKSATHFTGRYHYLGGRFVPPALEKKYQLNLPSYDTECVYR
LQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	31 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_659146
Locus ID:	246703
UniProt ID:	Q8K4Z3



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RefSeq Size: 905

Cytogenetics: 3 F1

RefSeq ORF: 849

Synonyms: AA087124; AI-BP; AIBP; APOA1IP; ESTM37; Naxe

Summary: 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. [UniProtKB/Swiss-Prot Function]