

Product datasheet for **TP509860**

Enox1 (BC052062) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ecto-NOX disulfide-thiol exchanger 1 (cDNA clone MGC:62454 IMAGE:5703279), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209860 representing BC052062 Red =Cloning site Green =Tags(s)
	<p>MVDAAGFESVAQCPRHLHQMMAAADGLGSIALDTTQLNMSVTDPTAWATAMNNLGMVPVGLPGQQ LVSD SICVPGFDPGLNMMTGITPINPMIPGLGLVPPPPTEVAWKEIHKSCSLFPQNPPLPPPSTRERPPG CKTVFVGGLPENATEEIIQEVFEQCGDITAIRKSKKNFCHIRFAEEFMVDKAIYLSGYRMRLGSSTDKKD SGRLHVDFAQARDDFYEWCKQRMAREERHRRKLEEDRLRPPSPPAIMHYSEHEAALLADKLKDDSKFS EAITVLLSWIERGEVNRRSANQFYSMVQSANSVHRRMLNEKATHEQEMEEAKENFKNALTGILTQFEQIV AVFNASTRQKAWDHFSKAQRKNIDIWRKHSEELRNAQSEQLMGIRREEEMEMSDDENDCDSPTKKMRVD ES EADIEDCAGDPADRGHLHSAALAAQAYALKEENDSLRWQLDAYRNEVELLKQEKEQLFRTEENLTkdQQLQ FLQQTMMQGMQQQLLAIQEELNNKKSELEQAKEEQSHTQALLKVLQEQLKGTKDLVETNGHSHEDANEI NV LTVALVNQDRENNTEKRSQGLKSEKEALLIGIISTFLHVHPFGANIEYLWSYMQQLDSKISANEIEMLLM RLPRMFKQEFTGVGATLEKRWKLCAFEIGIKTT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	75.2 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



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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.
Locus ID:	239188
UniProt ID:	Q8BHR2
RefSeq Size:	3117
Cytogenetics:	14 D3
RefSeq ORF:	1986
Synonyms:	B230207J08; D230005D02Rik
Summary:	Probably acts as a terminal oxidase of plasma electron transport from cytosolic NAD(P)H via hydroquinones to acceptors at the cell surface. Hydroquinone oxidase activity alternates with a protein disulfide-thiol interchange/oxidoreductase activity which may control physical membrane displacements associated with vesicle budding or cell enlargement. The activities oscillate with a period length of 24 minutes and play a role in control of the ultradian cellular biological clock (By similarity).[UniProtKB/Swiss-Prot Function]