

## Product datasheet for PH326055

### ENOX1 (NM\_001127615) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ENOX1 MS Standard C13 and N15-labeled recombinant protein (NP_001121087)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226055
Predicted MW:	73.3 kDa
Protein Sequence:	>RC226055 protein sequence Red=Cloning site Green=Tags(s)

MVDAGGVENITQLPQELPQMMAAADGLGSAIDTTQLNMSVTDPTAWATAMNLMGVPVGLPGQQLVSD  
SICVPGFDP SLNMMTGITPINPMIPGLGLVPPPPTEVAVVKEIIHCKSCTLFPQNP LPPSTRERPPG  
CKTVFVGGLPENATEEIIQEVEFCGDITAIRKSKNFCHIRFAEEFMVDKAIYLSGYRMRLGSSTDKKD  
SGRLHVDF AQARDDFYEWCKQRM RAREERHRRKLEEDRLRPPSPPAIMHYSEHEAALLAEKLDKSKFS  
EAITVLLSWIERGEVNR SANQFYSMVQS ANSHVRRLMNEKATHEQEMEEAKENFKNALTGILTQFEQIV  
AVFNASTRQKAWDHF SKAQQRKNIDIWRKHSEELRNAQSEQLMGIRREEEMEMSDDENCDSPTKKMRVDES  
ALAAQAYALKEENDSLRWQLDAYRNEVELLQKEQELFRTEENLTKDQQLQFLQQTMQGMQQQLLTIQEE  
LNNKSELEQAKEEQSHTQALLKVLQEQLKGTKELVETNGHSHEDSNEINVL TVALVNQDRENNIEKRSQ  
GLKSEKEALLIGIISTFLHVHPFGANIEYLWSYMQQLDSKISANEIEMLLMRLPRMFKQEF TGVGATLEK  
RWKLC AFEGIKTT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001121087</a>
RefSeq Size:	2706

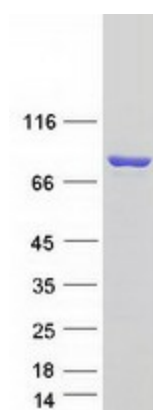


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RefSeq ORF:	1929
Synonyms:	bA64J21.1; cCNOX; CNOX; PIG38
Locus ID:	55068
UniProt ID:	<u>Q8TC92, A0A024RDT8</u>
Cytogenetics:	13q14.11

**Summary:** The protein encoded by this gene is involved in plasma membrane electron transport pathways. The encoded protein has both a hydroquinone (NADH) oxidase activity and a protein disulfide-thiol interchange activity. The two activities cycle with a periodicity of 24 minutes, with one activity being at its peak when the other is at its lowest. [provided by RefSeq, Dec 2016]

### Product images:



Coomassie blue staining of purified ENOX1 protein (Cat# [TP326055]). The protein was produced from HEK293T cells transfected with ENOX1 cDNA clone (Cat# [RC226055]) using MegaTran 2.0 (Cat# [TT210002]).