

Datasheet for ABIN7551131

PYROXD1 Protein (AA 1-500) (His tag)



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Overview

Quantity:	1 mg
Target:	PYROXD1
Protein Characteristics:	AA 1-500
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PYROXD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PYROXD1 Protein expressed in mammalian cells.
Sequence:	<p>MEAARPPPTA GKFVVVGGGI AGVTCAEQLA THFPSEDILL VTASPVIAV TNFKQISKIL</p> <p>EEFDVEEQSS TMLGKRFPNI KVIESGVKQL KSEEHCVITE DGNQHVKYKL CLCAGAKPKL</p> <p>ICEGNPYVLG IRDTDSAQEF QKQLTKAKRI MIINGGIAL ELVYEIEGCE VIWAIKDKAI</p> <p>GNTFFDAGAA EFLTSKLIAE KSEAKIAHKR TRYTTEGRKK EARSKSKADN VGSALGPDWH</p> <p>EGLNLKGTKE FSHKIHLETM CEVKKIYLQD EFRILKKKSF TFPRDHKSVT ADTEMWPVYV</p> <p>ELTNEKIYGC DFIVSATGVT PNVEPFLHGN SFDLGEDGGL KVDDHMTSL PDIYAAGDIC</p> <p>TTSWQLSPVW QQMRLWTQAR QMGWYAAKCM AAASSGDSID MDFSFELFAH VTKFFNYKVV</p> <p>LLGKYNAQGL GSDHEMLMRC TKGREYIKVV MQNGRMMGAV LIGETDLEET FENLILNQMN</p> <p>LSSYGEDLLD PNIDIEDYFD</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

PYROXD1

Alternative Name:

PYROXD1 ([PYROXD1 Products](#))

Background:

Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1 (EC 1.8.1.-),FUNCTION: Probable FAD-dependent oxidoreductase, involved in the cellular oxidative stress response (PubMed:27745833). Required for normal sarcomere structure and muscle fiber integrity (By similarity). {ECO:0000250|UniProtKB:Q6PBT5, ECO:0000269|PubMed:27745833}.

Molecular Weight:

55.8 kDa

UniProt:

[Q8WU10](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months