

Datasheet for ABIN7550886
PPOX Protein (AA 1-477) (His tag)



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Overview

Quantity:	1 mg
Target:	PPOX
Protein Characteristics:	AA 1-477
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPOX protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PPOX Protein expressed in mammalien cells.
Sequence:	<p>MGRTVVVLGG GISGLAASYH LSRAPCPPKV VLVESSERLG GWIRSVRGP N GAIFELGPRG IRPAGALGAR TLLL VSELGL DSEVLPVRGD HPAAQNRFLY VGGALHALPT GLRGLLRPSP PFSKPLFWAG LRELTKPRGK EPDETVHSFA QRRLGPEVAS LAMD SLCRGV FAGNSRELSI RSCFPSLFQA EQTHRSILLG LLLGAGRTPQ PDSALIRQAL AERWSQWSLR GGLEMLPQAL ETHLTSRGVS VLRGQPVCG L SLQAEGRWKV SLRDSSLEAD HVISAIPASV LSELLPAEAA PLARALSAIT AVSVAVVNLQ YQGAHLPVQG FGHLVPSSD PGVLGIVYDS VAFPEQDGSP PGLRVTVM LG GSWLQ TLEAS GCVLSQELFQ QRAQEAATQ LGLKEMPSHC LVHLHKNCIP QYTLGHWQKL ESARQFLTAH RLPLTLGAS YEGVAVNDCI ESGRQAAVSV LGTEPNS 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>

Product Details

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, Western Blot

Grade:

custom-made

Target Details

Target:

PPOX

Alternative Name:

PPOX ([PPOX Products](#))

Background:

Protoporphyrinogen oxidase (PPO) (EC 1.3.3.4),FUNCTION: Catalyzes the 6-electron oxidation of protoporphyrinogen-IX to form protoporphyrin-IX. {ECO:0000269|PubMed:21048046, ECO:0000269|PubMed:23467411, ECO:0000269|PubMed:7713909}.

Molecular Weight:

50.8 kDa

UniProt:

[P50336](#)

Pathways:

[Synaptic Membrane](#), [Feeding Behaviour](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. 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