

Datasheet for ABIN7547228

DUOXA2 Protein (AA 1-320) (His tag)



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Overview

Quantity:	1 mg
Target:	DUOXA2
Protein Characteristics:	AA 1-320
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUOXA2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat DUOXA2 Protein expressed in mammalian cells.
Sequence:	MTLWNGVLPP YPQPRHAAGF SVPLLVILV FLALAASFLL ILPGIRGHSR WFWLVRVLLS LFIGAEIVAV HFSAEWFVGT VNTNTSYKAF SAARVTARVR LLVGLEGINI TLTGTPVHQL NETIDYNEQF TWRLKENYAA EYANALEKGL PDPVLYLAEK FTPSSPCGLY HQYHLAGHYA SATLWVAFCF WLLSNVLLST PAPLYGGLAL LTTGAFALFG VFALASISSV PLCPLRLGSS ALTTQYGAAF WVTLATGVLC LFLGGAVVSL QYVRPSALRT LLDQSAKDCS QERGGSPIL GDPLHKQAAL PDLKCITTNL 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.

Characteristics:	Key Benefits: Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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:	DUOXA2
Alternative Name:	DUOXA2 (DUOXA2 Products)
Background:	Dual oxidase maturation factor 2 (Dual oxidase activator 2),FUNCTION: Required for the maturation and the transport from the endoplasmic reticulum to the plasma membrane of functional DUOX2. May play a role in thyroid hormone synthesis. {ECO:0000269 PubMed:16651268}.
Molecular Weight:	34.8 kDa
UniProt:	Q1HG44
Pathways:	Thyroid Hormone Synthesis

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