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Datasheet for ABIN7553787

ENTPD8 Protein (AA 1-495) (His tag)

Overview

Quantity:	1 mg
Target:	ENTPD8
Protein Characteristics:	AA 1-495
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENTPD8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ENTPD8 Protein expressed in mammalian cells.
Sequence:	MGLSRKEQVF LALLGASGVS GLTALILLLV EATSVLLPTD IKFGIVFDAG SSHTSLFLYQ WLANKENGTG VVSQALACQV EGPGISSYTS NAAQAGESLQ GCLEEALVLI PEAQHRKTPT FLGATAGMRL LSRKNSSQAR DIFAAVTQVL GRSPVDFWGA ELLAGQAEGA FGWITVNYGL GTLVKYSFTG EWIQPPEEML VGALDMGGAS TQITFVPGGP ILDKSTQADF RLYGSDYSVY THSYLCFGRD QMLSRLLVGL VQSRPAALLR HPCYLSGYQT TLALGPLYES PCVHATPPLS LPQNLTVEGT GNPACVSAI RELFNFSSCQ GQEDCAFDGV YQPPLRGQFY AFSNFYYTFH FLNLTSRQPL STVNATWIEF CQRPWKLVEA SYPGQDRWLR DYCASGLYIL TLLHEGYGFS EETWPSLEFR KQAGGVDIGW TLGYMLNLTG MIPADAPAQW RAESYGVVVA KVVFMVLALV AVVGAALVQL FWLQD 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.

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:

ENTPD8

Alternative Name:

ENTPD8 ([ENTPD8 Products](#))

Background:

Ectonucleoside triphosphate diphosphohydrolase 8 (E-NTPDase 8) (NTPDase 8) (NTPDase8) (EC 3.6.1.5),FUNCTION: Canalicular ectonucleoside NTPDase responsible for the main hepatic NTPDase activity. Ectonucleoside NTPDases catalyze the hydrolysis of gamma- and beta-phosphate residues of nucleotides, playing a central role in concentration of extracellular nucleotides. Has activity toward ATP, ADP, UTP and UDP, but not toward AMP. {ECO:0000269|PubMed:16752921, ECO:0000269|PubMed:17095758}.

Molecular Weight:

53.9 kDa

UniProt:

[Q5MY95](#)

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

Application Details

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