

Datasheet for ABIN7553795

ENTPD6 Protein (AA 1-484) (His tag)



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Overview

Quantity:	1 mg
Target:	ENTPD6
Protein Characteristics:	AA 1-484
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENTPD6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ENTPD6 Protein expressed in mammalian cells.
Sequence:	<p>MKKGIRYETS RKTSYIFQQP QHGPWQTRMR KISNHGSLRV AKVAYPLGLC VGVFIYVAYI KWHRATATQA FFSITRAAPG ARWGQQAHSPLGTAADGHEV FYGIMFDAGS TGTRVHVVFQF TRPPRETPTL THETFKALKP GLSAYADDVE KSAQGIRELL DVAKQDIPFD FWKATPLVLK ATAGLRLLPG EKAQKLLQKV KKVFKASPFL VGDDCVSIMN GTDEGVSAWI TINFLTGSLK TPGGSSVGML DLGGGSTQIA FLPRVEGTLQ ASPPGYLTAL RMFNRTYKLY SYSYLGGLM SARLAILGGV EGQPAKDGE LVSPCLSPSF KGEWEHAEVT YRVSGQKAAA SLHELCAARV SEVLQNRVHR TEEVKHVDYF AFSYYYDLAA GVGLIDAEKG GSLVVGDFEI AAKYVCRTLE TQPQSSPFSC MDLTYVSLLL QEFGFPRSKV LKLTRKIDNV ETSWALGAIF HYIDSLNRQK SPAS</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>

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:

ENTPD6

Alternative Name:

ENTPD6 ([ENTPD6 Products](#))

Background:

Ectonucleoside triphosphate diphosphohydrolase 6 (NTPDase 6) (EC 3.6.1.6) (CD39 antigen-like 2),FUNCTION: Catalyzes the hydrolysis of nucleoside triphosphates and diphosphates in a calcium- or magnesium-dependent manner. Has a strong preference for nucleoside diphosphates, preferentially hydrolyzes GDP, IDP, and UDP, with slower hydrolysis of CDP, ITP, GTP, CTP, ADP, and UTP and virtually no hydrolysis of ATP (PubMed:10948193, PubMed:14529283, PubMed:11041856). The membrane bound form might support glycosylation reactions in the Golgi apparatus and, when released from cells, might catalyze the hydrolysis of extracellular nucleotides (PubMed:10948193, PubMed:14529283, PubMed:11041856). {ECO:0000269|PubMed:10948193, ECO:0000269|PubMed:11041856, ECO:0000269|PubMed:14529283}.

Molecular Weight:

53.2 kDa

UniProt:

[O75354](#)

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.
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Restrictions:	For Research Use only
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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