

Datasheet for ABIN7547363
ENTPD7 Protein (AA 1-604) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ENTPD7
Protein Characteristics:	AA 1-604
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENTPD7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ENTPD7 Protein expressed in mammalian cells.
Sequence:	MARISFSYLC PASWYFTVPT VSPFLRQRVA FLGLFFISCL LLLMLIIDFR HWSASLPRDR QYERYLARVG ELEATDTEP NLNYGLVVDC GSSGSRIFVY FWPRHNGNPH DLLDIKQMRD RNSQPVVKKI KPGISAMADT PEHASDYLRP LLSFAAAHVP VKKHKETPLY ILCTAGMRL PERKQLAILA DLVKDLPLEF DFLFSQSQAQ VISGKQEGVY AWIGINFVLG RFDHEDESDA EATQELAAGR RRTVGILDMG GASLQIAYEV PTSTSVLPAK QEEAAKILLA EFNLGCDVQH TEHVYRVVYT TFLGFGGNA RQRYEDLVN ETLNKNRLLG QKTGLSPDNP FLDPCLPVGL TDVVERNSQV LHVRGRGDWV SCGAMLSPLL ARSNTSQASL NGIYQSPIDF NNSEFYGFSE FFYCTEDVLR IGGRYHGPTF AKAAQDYCGM AWSVLTQRFK NGLFSSHADE HRLKYQCFKS AWMYQVLHEG FHFYPDYPNL RTAQLVVDRE VQWTLGAILY KTRFLPLRDL RQEGVRQAHG SWFRLSFVYN HYLFFACILV VLLAIFLYLL RLRRIHHRQT RASAPDLLW LEEVPMMGV QVGP Sequence without tag. The proposed Purification-Tag is based on experiences with the

Product Details

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.
- 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:

ENTPD7

Alternative Name:

ENTPD7 ([ENTPD7 Products](#))

Background:

Ectonucleoside triphosphate diphosphohydrolase 7 (NTPDase 7) (EC 3.6.1.15) (Lysosomal apyrase-like protein 1),FUNCTION: Catalyzes the hydrolysis of nucleoside triphosphates and diphosphates in a calcium- or magnesium-dependent manner. Preferentially hydrolyzes nucleoside 5'-triphosphates, with substrate preference for UTP > GTP > CTP. Hydrolyzes ATP and nucleoside diphosphates only to a minor extent. {ECO:0000269|PubMed:11278936}.

Molecular Weight:

69.0 kDa

UniProt:

[Q9NQZ7](#)

Application Details

Application Notes:

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

Application Details

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
