

Product datasheet for TP312315

ENTPD7 (NM_020354) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ectonucleoside triphosphate diphosphohydrolase 7 (ENTPD7), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212315 protein sequence Red =Cloning site Green =Tags(s)

MARISFSYLCPASWYFTVPTVSPFLRQ RVAFLGLFFISCLLLLMLIIDFRHWSASLPRDRQYERYLARVG
 ELEATDTEPNLNYGLVDCGSSGSRI FVYFWPRHNGNPHDLLDIKQMRDRNSQP VVKIKPGISAMADT
 PEHASDYLRPLLSFAAAHVPVKKHKETPLYILCTAGMRLPERKQLAILADLVKDLPLEFDLFSQSQAE
 VISGKQEGVYAWIGINFVLGRFDHEDESDAEATQELAAGRRRTVGILDMGGASLQIAYEVPTSTSVLP
 AKQEEAAKILLAEFNLGCDVQHTHEVYRVYVTTFLGFGGNFARQRYEDLVNLTNKNRLLGQKTGLSPDNP
 FLDPCLPVGLTDVVERNSQVLHVRGRGDWVSCGAMLSPLLARSNTSQASLNGIYQSPIDFNNSEFYGFSE
 FFYCTEDVLRIGGRYHGPTFAKAAQDYCGMAWSVLTQRFKNGLFSSHADEHRLKYQCFKSAWMYQVLHEG
 FHFPYDYPNLRTAQLVYDREVQWTLGAILYKTRFLPLRDLRQEGVRQAHGSWFRLSFVYNHYLFFACILV
 VLLAIFLYLLRLRRIHHRQTRASAPDLLWLEEVPMMGVQVGP

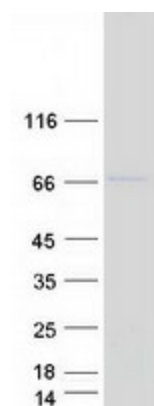
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	68.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.


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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_065087</u>
Locus ID:	57089
UniProt ID:	<u>Q9NQZ7</u>
RefSeq Size:	8564
Cytogenetics:	10q24.2
RefSeq ORF:	1812
Synonyms:	LALP1
Summary:	This gene encodes a purine-converting ectoenzyme which belongs to the ecto-nucleoside triphosphate diphosphohydrolase (E-NTPDase) family. The encoded protein hydrolyzes extracellular nucleoside triphosphates (UTP, GTP, and CTP) to nucleoside monophosphates as part of a purinergic signaling pathway. It contains two transmembrane domains at the N- and C-termini and a large, hydrophobic catalytic domain located in between. This gene affects oxidative stress as well as DNA damage and is a mediator of senescence. [provided by RefSeq, Mar 2017]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified ENTPD7 protein (Cat# TP312315). The protein was produced from HEK293T cells transfected with ENTPD7 cDNA clone (Cat# [RC212315]) using MegaTran 2.0 (Cat# [TT210002]).