

## Product datasheet for **TP312315M**

### ENTPD7 (NM\_020354) Human Recombinant Protein

#### Product data:

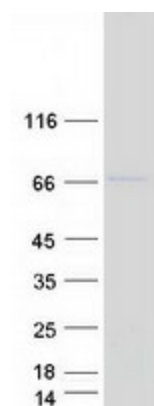
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ectonucleoside triphosphate diphosphohydrolase 7 (ENTPD7), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212315 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MARISFSYLCPASWYFTVPTVSPFLRQVAFLGLFFISCLLLLMLIIDFRHWSASLPDRQYERYLARVG ELEATDTEPNLNYGLVDCGSSGSRIFFVFWPRHNGNPHDLLDIKQMRDRNSQPWVKIKPGISAMADT PEHASDYLRPLLSFAAAHVVPKKHKETPLYILCTAGMRLLPERQLAILADLVKDLPLEDFLFSQSQAE VISGKQEGVYAWIGINFVLGRFDHEDESDAEATQELAAGRRTVGILDMGGASLQIAYEPTSTSVLPAK QEEAAKILLAEFNLGCDVQHTHEVYRVYVTTFLGFGGNFARQRYEDLVNLTNKNRLLGQKTGLSPDNP FLDPCLPVGLTDVVERNSQVLHVRGRGDWVSCGAMLSPLLARSNTSQASLNGIYQSPIDFNNSEFYGFSE FFYCTEDVLRIGGRYHGPTFAKAAQDYCGMAWSVLTQRFKNGLFSSHADHRLKYQCFKSAWMYQVLHE G FHFPYDYPNLRTAQLVYDREVQWTLGAILYKTRFLPLRDLRQEGVRQAHGSWFRLSFVYNHYLFFACILV VLLAIFLYLLRLRRIHHRQTRASAPLDLLWLEEVPMMGVQVGP</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_065087</a></u>
<b>Locus ID:</b>	57089
<b>UniProt ID:</b>	<u><a href="#">Q9NQZ7</a></u>
<b>RefSeq Size:</b>	8564
<b>Cytogenetics:</b>	10q24.2
<b>RefSeq ORF:</b>	1812
<b>Synonyms:</b>	LALP1
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).