

## Product datasheet for **TP319359**

### CD39 (ENTPD1) (NM\_001776) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219359 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEDTKESNVKTFCSKNILAILGFSSIIAVIALAVGLTQNKALPENVKYGIVLDAGSSHTSLYIKWP  
KENDTGVVHQVEECRVKGGPGISKFVQKVNEIGIYLTDCMERAREVIPRSQHQETPVYLGATAGMRLRME  
SEELADRVLDVVERSLSNYPDFDQGARIITGQEEGAYGWITINYLLGKFSQKTRWFSIVPYETNNQETFG  
ALDLGGASTQVTFVPQNQTIESPDNALQFRLYGKDYNVYTHSFLCYGKDQALWQKLAQDIQVASFNEILRD  
PCFHPGYKKVNVSDLYKTPCTKRFEMTLPFQQFEIQGIGNYQQCHQSILELFNTSYCPYSQCAFNGIFL  
PPLQGDFGAFSAFYFVMKFLNLTSEKVSQEKVTEMMKKFCAQPWEEIKTSYAGVKEKYLSEYCFSGTYIL  
SLLLQGYHFTADSWEHIFIGKIQGSDAGWTLGYMLNLTNMPAEQPLSTPLSHSTYVFLMVLFSVLVFT  
VAIIGLLIFHKPSYFWKDMV

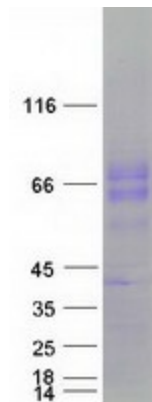
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	57.8 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>	<a href="#">NP_001767</a>
<b>Locus ID:</b>	953
<b>UniProt ID:</b>	<a href="#">P49961</a>
<b>RefSeq Size:</b>	12493
<b>Cytogenetics:</b>	10q24.1
<b>RefSeq ORF:</b>	1533
<b>Synonyms:</b>	ATPDase; CD39; NTPDase-1; SPG64
<b>Summary:</b>	The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	Purine metabolism, Pyrimidine metabolism

**Product images:**

Coomassie blue staining of purified ENTPD1 protein (Cat# TP319359). The protein was produced from HEK293T cells transfected with ENTPD1 cDNA clone (Cat# [RC219359]) using MegaTran 2.0 (Cat# [TT210002]).