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Product datasheet for TP312912M

ENTPD3 (NM_001248) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ectonucleoside triphosphate diphosphohydrolase 3 (ENTPD3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC212912 Blue=ORF Red=Cloning site Green=Tag(s) MFTVLTRQPCEQAGLKALYRTPTIIALVVLLVSIVVLVSITVIQIHKQEVLPPGLKYGIVLDAGSSRTT VYVYQWPAEKENNTGVVSQTFKCSVKGSGISSYGNNPQDVPRAFEECMQKVKGQVPSHLHGSTPIHLGA TAGMRLLRLQNETAANEVLESIQSYFKSQPFDFRGAQIISGQEEGVYGWITANYLMGNFLEKNLWHMWV HPHGVETTGALDLGGASTQISFVAGEKMDLNTSDIMQVSLYGYVYTLYTHSFQCYGRNEAEKKFLAMLL QNSPTKNHLTNPCYPRDYSISFTMGHVFDSLCTVDQRPESYNPNDVITFEGTGDPSLCKEKVASIFDFK ACHDQETCSFDGVYQPKIKGPFVAFAGFYYTASALNLSGSFSLDTFNSSTWNFCSQNWSQLPLLLPKFD EVYARSYCFSANYIYHLFVNGYKFTEETWPQIHFEKEVGNSSIAWSLGYMLSLTNQIPAESPLIRLPIE PPVFVGTLAFFTAAALLCLAFLAYLCSATRRKRHSEHAFDHAVDSD SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV Recombinant protein using RC212912 also available, TP312912
Tag:	C-Myc/DDK
Predicted MW:	58.9 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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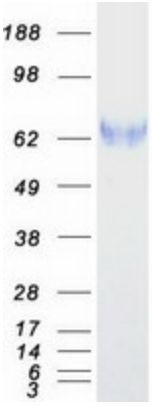
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001239
Locus ID:	956
UniProt ID:	O75355
RefSeq Size:	2797
Cytogenetics:	3p22.1
RefSeq ORF:	1596
Synonyms:	CD39L3; HB6; NTPDase-3
Summary:	This gene encodes a plasma membrane-bound divalent cation-dependent E-type nucleotidase. The encoded protein is involved in the regulation of extracellular levels of ATP by hydrolysis of it and other nucleotides. Multiple transcript variants have been described. [provided by RefSeq, May 2014]
Protein Families:	Transmembrane
Protein Pathways:	Purine metabolism, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified ENTPD3 protein (Cat# [TP312912]). The protein was produced from HEK293T cells transfected with ENTPD3 cDNA clone (Cat# [RC212912]) using MegaTran 2.0 (Cat# [TT210002]).