

Product datasheet for TP314422L

ENTPD4 (NM_004901) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ectonucleoside triphosphate diphosphohydrolase 4 (ENTPD4), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214422 representing NM_004901 Red =Cloning site Green =Tags(s)

MGRIGISCLFPASWHFSISPVGCPRILNTNLRQIMVISVLAADVLLYFSWIIRNKYGRLTRDKKFQRY
LARVTDIEATDTNNPNVNYGIVVDCGSSGSRVYCWPRHNGNPHDLLDIRQMRDKNRKPVVMKIKPGIS
EFATSPEKVS DYISPLLNFAAEHVPRAKHKETPLYILCTAGMRILPESQQKAILEDLLTDIPVHFDLFS
DSHAEVISGKQEGVYAWIGINFLGRFEHIEDDDEAVVEVNIPGSESSEAIRKRTAGILDMGGVSTQIA
YEVPKTVSFASSQQEEVAKNLLAEFNLGCDVHQTEHVYRVVATFLGFGGNAARQRYEDRIFANTIQKNR
LLGKQTGLTPDMPYLDPLDIDKDEIQNGQTIYLRGTGDFDLCRETIQPFMKNKTNETQTSLNQVYQPP
IHFQNSEFYGFSEFYCTEDVLRMGGDYNAAKFTKAAKDYCATKWSILRERFDRGLYASHADLHRLKYQC
FKSAWMFEVHFRGFSFPVNYKSLKTALQVYDKEVQWTLGAILYRTRFLPLRDIQQEAFRASHTHWRGVSF
VYNHYLFSGCFLVLLAILLYLLRRLRRIHRRTPRSSSAAALWMEGLPAQNAPGTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	70.1 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_004892](#)

Locus ID: 9583

UniProt ID: [Q9Y227](#)

RefSeq Size: 2330

Cytogenetics: 8p21.3

RefSeq ORF: 1848

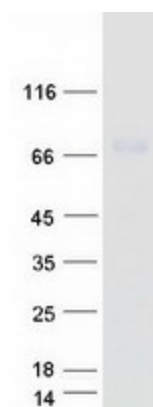
Synonyms: LALP70; LAP70; LYSAL1; NTPDase-4; UDPase

Summary: This gene encodes a member of the apyrase protein family. Apyrases are enzymes that catalyze the hydrolysis of nucleotide diphosphates and triphosphates in a calcium or magnesium-dependent manner. The encoded protein is an endo-apyrase and may play a role in salvaging nucleotides from lysosomes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and these isoforms may differ in divalent cation dependence and substrate specificity. [provided by RefSeq, Sep 2011]

Protein Families: Transmembrane

Protein Pathways: Lysosome, Purine metabolism, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified ENTPD4 protein (Cat# [TP314422]). The protein was produced from HEK293T cells transfected with ENTPD4 cDNA clone (Cat# [RC214422]) using MegaTran 2.0 (Cat# [TT210002]).