

Recombinant Human ENTPD4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ENTPD4-1358H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ENTPD4 MS Standard C13 and N15-labeled recombinant protein (NP_004892) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	70.1 kDa
AA Sequence	MGRIGISCLFPASWHFSISPVGCPRILNTNLRQIMVISVLAAAVSLLYFSVVIIRNKYGR LTRDKKFQRYLARVTDIEATDTNNPNVNYGIVVDCGSSGSRVFVYCWPRHNGNPHD LLDIRQMRDKNRKPVVMKIKPGISEFATSPEKVSDYISPLLNFAAEHVPRAKHKETPL YILCTAGMRILPESQQKAILEDLLTDIPVHFDLFLSDSHAEVISGKQEGVYAWIGINFVL GRFEHIEDDDEAVVEVNIPGSESSEAIVRKRTAGILDMGGVSTQIAYEVPKTVSFASS QQEEVAKNLLAEFNLGCDVHQTEHVYRVYVATFLGFGGNAARQRYEDRIFANTIQK NRLLGKQTGLTPDMPYLDPCPLDIKDEIQQNGQTIYLRGTGDFDLCRETIQPFMNKT

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NETQTSLNGVYQPPIHFQNSEFYGFSEFYCYCTEDVLRMGGDYNAAKFTKAAKDYCA
TKWSILRERFDRGLYASHADLHRLKYQCFKSAWMFEVFRGFSFPVNYKSLKTALQ
VYDKEVQWTLGAILYRTRFLPLRDIQQEAFRASHTHWRGVSFVYNHYLFSGCFLVVL
LAILLYLLRLRRIHRRTPRSSSAAALWMEEGLEPAQNAPGTLTRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ENTPD4 ectonucleoside triphosphate diphosphohydrolase 4 \[Homo sapiens \(human\) \]](#)

Official Symbol [ENTPD4](#)

Synonyms ENTPD4; ectonucleoside triphosphate diphosphohydrolase 4; LYSAL1, lysosomal apyrase like 1; KIAA0392; LALP70; LAP70; NTPDase 4; UDPase; golgi luminal UDPase; uridine-diphosphatase; lysosomal apyrase-like 1; guanosine-diphosphatase like protein; lysosomal apyrase-like protein of 70 kDa; LYSAL1; NTPDase-4;

Gene ID [9583](#)

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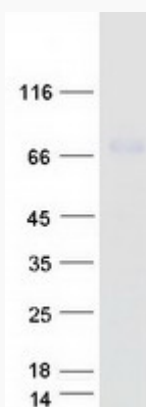
mRNA Refseq [NM_004901](#)

Protein Refseq [NP_004892](#)

MIM [607577](#)

UniProt ID [Q9Y227](#)

SDS-PAGE



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