

Recombinant Full Length Human ENTPD4 Protein, GST-tagged

Cat. No. ENTPD4-4333HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ENTPD4 full-length ORF (AAH34477.1, 1 a.a. - 571 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	571 amino acids
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. [provided by RefSeq, Sep 2011]
Molecular Mass	91.3 kDa
AA Sequence	MGRIGISCLFPASWHFSISPVGCPRLNTNLRQIMVISVLAAAVSLLYFSVVIIRNKYGR LTRDKKFQRYLARVTDIEATDTNNPNVNYGIVVDCGSSGSRVFVYCWPRHNGNPHD LLDIRQMRDKNRKPVVMKIKPGISEFATSPEKVS DYISPLLNF AA EHVPRAKHKETPL YILCTAGMRILPESQQKAILEDLLTDIPVHFDLFLSDSHAEVISGKQEGVYAWIGINFVL GRFEHIEDDDEAVVEVNIPGSESSEAIVRKRTAGILDMGGVSTQIAYEVPKTEEVAKN LLAEFNLGCDVHQTEHVYRVYVATFLGFGGNAARQRYEDRIFANTIQKNRLLGKQTG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LTPDMPYLDPCPLPLDIKDEIQNGQTIYLRGTGDFDLCRETIQPFMKNKTNETQTSLNG
 VYQPPIHFQNSEFYGFSEFYCYCTEDVLRMGGDYNAAKFTKAAKDYCATAKWSILRER
 FDRGLYASHADLHRLKYQCFKSAWMFEVFHRGFSFPVNYKSLKTALQVYDKEVQW
 TLGAILYRTRFLPLRKIGMLIIPCSGGCPKLCACAVWQPPPYGATKHLQCAAWN

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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](#)

mRNA Refseq [NM_001128930](#)

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Protein Refseq	NP_001122402
MIM	607577
UniProt ID	Q9Y227

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