

Recombinant Human ENTPD4 Protein, GST-tagged

Cat. No. ENTPD4-3335H **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	Wheat Germ
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	MGRIGISCLFPASWHFSISPVGCPRI LNTNLRQIMVISVLAAAVSLLYFSVVIIRNKYGR LTRDKKFQRYLARVTDIEATDTNNPNVNYGIVVDCGSSGSRVFVYCWPRHNGNPHD LLDIRQMRDKNRKPVVMKIKPGISEFATSPEKVSDYISPLLNFAAEHVPRAKHKETPL YILCTAGMRILPESQQKAILEDLLTDIPVHFDLFLSDSHAEVISGKQEGVYAWIGINFVL GRFEHIEDDDEAVVEVNIPGSESSEAIVRKRTAGILDMGGVSTQIAYEVPKTEEVAKN LLAEFNLGCDVHQTEHVYRVYVATFLGFGGNAARQRYEDRIFANTIQKNRLLGKQTG LTPDMPYLDPCPLPLDIKDEIQNGQTIYLRGTGDFDLCRETIQPFMKNKTNETQTSLNG

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VYQPPIHFQNSEFYGFSEFYCYCTEDVLRMGGDYNAAKFTKAAKDYCATKWSILRER
FDRGLYASHADLHRLKYQCFKSAWMFEVFRHGFSPVNYKSLKTALQVYDKEVQW
TLGAILYRTRFLPLRKIGMLIIPCSGGCPKLCCAVWQPPPYGATKHLQCAAWN

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](#)

Protein Refseq

[NP_001122402](#)

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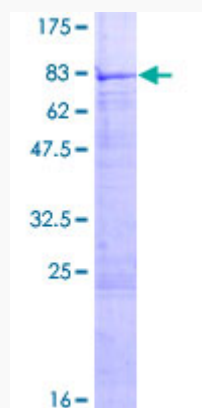
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MIM 607577

UniProt ID Q9Y227

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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