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	MGRIGISCLFPASWHFSISPVGCPRILNTNLRQIMVISVLAAAVSLLYFSVVIIRNKYGR LTRDKKFQRYLARVTDIEATDTNNPNVNYGIVVDCGSSGSRVFVYCWPRHNGNPHD LLDIRQMRDKNRKPVVMKIKPGISEFATSPEKVSDYISPLLNFAAEHVPRAKHKETPL YILCTAGMRILPESQQKAILEDLLTDIPVHFDFLFSDSHAEVISGKQEGVYAWIGINFVL GRFEHIEDDDEAVVEVNIPGSESSEAIVRKRTAGILDMGGVSTQIAYEVPKTEEVAKN LLAEFNLGCDVHQTEHVYRVYVATFLGFGGNAARQRYEDRIFANTIQKNRLLGKQTG LTPDMPYLDPCLPLDIKDEIQQNGQTIYLRGTGDFDLCRETIQPFMNKTNETQTSLNG

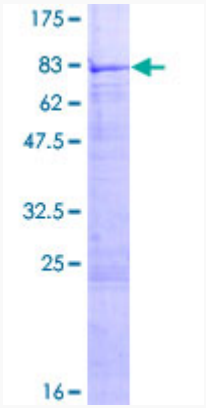
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	VYQPPIHFQNSEFYGFSEFYYCTEDVLRMGGDYNAAKFTKAAKDYCATKWSILRER FDRGLYASHADLHRLKYQCFKSAWMFEVFHRGFSFPVNYKSLKTALQVYDKEVQW 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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MIM	607577
UniProt ID	Q9Y227
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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