

Recombinant Human ENTPD4, His-tagged

Cat. No. ENTPD4-12469H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENTPD4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-349a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ENTPD4 ectonucleoside triphosphate diphosphohydrolase 4 [Homo sapiens]
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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
MIM	607577
UniProt ID	Q9Y227
Chromosome Location	8p21.3
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;
Function	hydrolase activity; uridine-diphosphatase activity;