

## Recombinant Human ENTPD1 protein, His & T7-tagged

Cat. No. ENTPD1-1517H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ENTPD1 aa. (Leu241~Leu486 (Accession # P49961)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu241~Leu486
<b>Description</b>	The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 32.2kDa.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method).
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

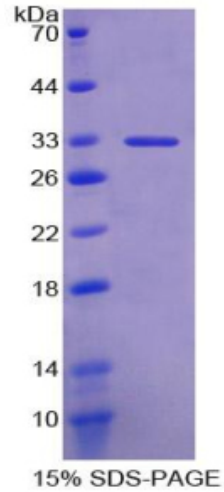
<b>Gene Name</b>	ENTPD1 ectonucleoside triphosphate diphosphohydrolase 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ENTPD1
<b>Synonyms</b>	CD39; SPG64; ATPDase; NTPDase-1; CD39 antigen; ecto-ATP diphosphohydrolase 1; ecto-ATPDase 1; ecto-ATPase 1; ecto-apyrase; lymphoid cell activation antigen; ectonucleoside triphosphate diphosphohydrolase 1
<b>Gene ID</b>	953
<b>mRNA Refseq</b>	NM_001098175.1
<b>Protein Refseq</b>	NP_001091645.1
<b>UniProt ID</b>	P49961

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**SDS-PAGE**



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