

Recombinant Human ENTPD1 protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ENTPD1 aa. (Leu241~Leu486 (Accession # P49961)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu241~Leu486
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.2kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP.

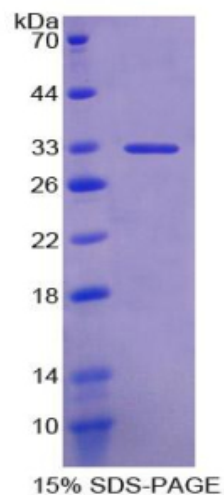
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	ENTPD1 ectonucleoside triphosphate diphosphohydrolase 1 [Homo sapiens (human)]
Official Symbol	ENTPD1
Synonyms	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
Gene ID	953
mRNA Refseq	NM_001098175.1
Protein Refseq	NP_001091645.1
UniProt ID	P49961

SDS-PAGE



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