

## Active Recombinant Human ENTPD2 protein, His-tagged

Cat. No. ENTPD2-7329H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ENTPD2 protein(Q9Y5L3)(Thr29-Asp460), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Thr29-Asp460
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4Please contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured by its ability to hydrolyze the 5'phosphate groups from the substrate adenosine 5'triphosphate(ATP).The specific activity is > 5,000 pmoles/min/μg.
<b>Molecular Mass</b>	The recombinant human human ENTPD2 consists of 448 amino acids and predicts a molecular mass of 49.3 KDa. It migrates as an approximately 59 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per μg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [ENTPD2 ectonucleoside triphosphate diphosphohydrolase 2 \[ Homo sapiens \]](#)

**Official Symbol** [ENTPD2](#)

**Synonyms**

ENTPD2; ectonucleoside triphosphate diphosphohydrolase 2; CD39L1; CD39 like 1; ecto ATPase; NTPDase 2; ecto-ATPase 2; ecto-ATPDase 2; CD39 antigen-like 1; ecto-ATP diphosphohydrolase 2; NTPDase-2;

**Gene ID** [954](#)

**mRNA Refseq** [NM\\_001246](#)

**Protein Refseq** [NP\\_001237](#)

**MIM** [602012](#)

**UniProt ID** [Q9Y5L3](#)

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