

Active Recombinant Human ENTPD2 protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human ENTPD2 protein(Q9Y5L3) (Thr29-Asp460) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	29-460 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4.
Bio-activity	Measured by its ability to hydrolyze the 5'phosphategroups from the substrate adenosine 5'triphosphate(ATP). The specific activity is > 5,000 pmoles/min/μg.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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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](#)

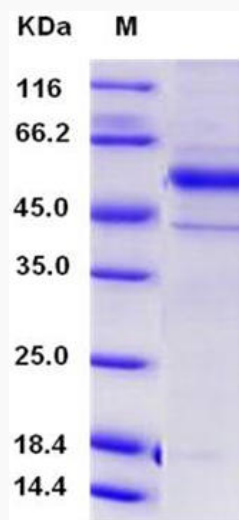
UniProt ID [Q9Y5L3](#)

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SDS-PAGE



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