

Active Recombinant Human ENTPD3 protein, His-tagged

Cat. No. ENTPD3-208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ENTPD3 protein(O75355)(Gln 44- 485) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	44-485 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Bio-activity	Measured by its ability to hydrolyze the 5'-phosphate groups from the substrate adenosine-5'-triphosphate (ATP). The orthophosphate duct is measured by a Malachite Green Phosphate Detection Kit. The specific activity is >70,000 pmol/min/μg.
Molecular Mass	The recombinant human ENTPD3 (aa44-485) consists of 452 amino acids and predicts a molecular mass of 51 kDa. It migrates as an apximately 50 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE

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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.
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.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001239.2
Unit ID	O75355
Unit ID-Weblink	http://www.uniprot.org/uniprot/O75355

GENE INFORMATION

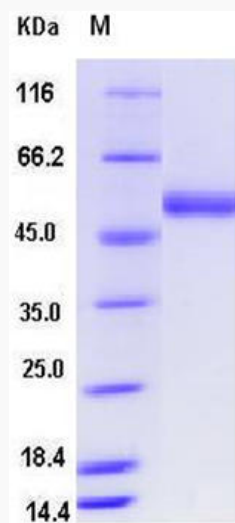
Gene Name	ENTPD3 ectonucleoside triphosphate diphosphohydrolase 3 [Homo sapiens]
Official Symbol	ENTPD3
Synonyms	ENTPD3; ectonucleoside triphosphate diphosphohydrolase 3; CD39L3; HB6; NTPDase 3; CD39-like 3; ecto-ATPase 3; ecto-ATPDase 3; ecto-apyrase 3; CD39 antigen-like 3; ecto-ATP diphosphohydrolase 3; NTPDase-3; FLJ93839;
Gene ID	956
mRNA Refseq	NM_001248
protein Refseq	NP_001239
MIM	603161

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SDS-PAGE



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