

Active Recombinant Human ENTPD3, His-tagged

Cat. No. ENTPD3-209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENTPD3(Gln44-Pro485), fused with a C-terminal 6-His tag, was expressed in Mouse NSO Cells.
Species	Human
Source	Mammalian Cells
ProteinLength	44-485 a.a.
Description	This gene encodes a plasma membrane-bound divalent cation-dependent E-type nucleotidase. The encoded protein is involved in the regulation of extracellular levels of ATP by hydrolysis of it and other nucleotides. Multiple transcript variants have been described.
Predicted N Terminal	Gln44 predicted
Form	Supplied as a 0.2 µl filtered solution in Tris, CaCl ₂ , NaCl and Glycerol.
Bio-activity	Measured by its ability to hydrolyze the 5'-phosphate groups from the substrate adenosine-5'-triphosphate (ATP).The specific activity is >70,000 pmol/min/µg.
Molecular Mass	Predicted Molecular Mass: 50 kDaSDS-PAGE: 65-80 kDa, reducing conditions
Endotoxin	< 1.0 EU per 1 µg of the protein by the LAL method.

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Purity >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Storage Avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 °C as supplied. 3 months, -20 to -70 °C under sterile conditions after opening.

GENE INFORMATION

Gene Name [ENTPD3 ectonucleoside triphosphate diphosphohydrolase 3 \[Homo sapiens \(human\) \]](#)

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](#)

UniProt ID O75355

Chromosome Location 3p21.3

Pathway Epstein-Barr virus infection; Purine metabolism; Pyrimidine metabolism

Function ATP binding; nucleoside-diphosphatase activity

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