Active Recombinant Human ENTPD3, His-tagged

Cat. No. ENTPD3-210H **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	CHO
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	Gln 44 predicted.
Form	Supplied as a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to hydrolyze the 5'-phosphate groups from the substrate aden osine-5'-triphosphate (ATP).The specific activity is >20,000 pmol/min/μg.
Molecular Mass	Predicted Molecular Mass: 50 kDaSDS-PAGE: 85-100 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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