Active Recombinant Human ENTPD3 Protein, His-tagged

Cat. No. ENTPD3-1033H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENTPD3 (Accession # O75355) Gln44-Pro485, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln44-Pro485
Predicted N Terminal	No results obtained: Gln44 predicted
Form	Supplied as a 0.2 μm filtered solution in Tris, CaCl2, NaCl and Glycerol.
Bio-activity	Measured by its ability to hydrolyze the 5"-phosphate groups from the substrate adenosine-5"-triphosphate (ATP). The orthophosphate product is measured by a Malachite Green Phosphate Detection Kit.The specific activity is >70,000 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Human ENTPD3, His-tagged has a calculated MW of 50 kDa. In SDS-PAGE migrates as 65-80 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).
Reconstitution	Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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
UniProt ID	O75355
Chromosome Location	3p21.3

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