Recombinant Full Length Human ENTPD3 Protein, C-Flag-tagged

Cat. No. ENTPD3-1504HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ENTPD3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	58.9 kDa
AA Sequence	MFTVLTRQPCEQAGLKALYRTPTIIALVVLLVSIVVLVSITVIQIHKQEVLPPGLKYGIVL DAGSSRTT VYVYQWPAEKENNTGVVSQTFKCSVKGSGISSYGNNPQDVPRAFEEC MQKVKGQVPSHLHGSTPIHLGA TAGMRLLRLQNETAANEVLESIQSYFKSQPFDFR GAQIISGQEEGVYGWITANYLMGNFLEKNLWHMWV HPHGVETTGALDLGGASTQI SFVAGEKMDLNTSDIMQVSLYGYVYTLYTHSFQCYGRNEAEKKFLAMLL QNSPTKN HLTNPCYPRDYSISFTMGHVFDSLCTVDQRPESYNPNDVITFEGTGDPSLCKEKVAS IFDFK ACHDQETCSFDGVYQPKIKGPFVAFAGFYYTASALNLSGSFSLDTFNSSTWN FCSQNWSQLPLLLPKFD EVYARSYCFSANYIYHLFVNGYKFTEETWPQIHFEKEVG

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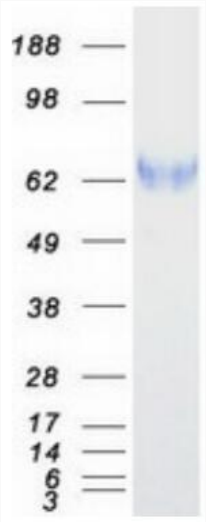
	NSSIAWSLGYMLSLTNQIPAESPLIRLPIE PPVFVGTLAFFTAAALLCLAFLAYLCSATRRKRHSEHAFDHAVDSDSGPTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Protein Pathways	Purine metabolism, Pyrimidine metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	ENTPD3 ectonucleoside triphosphate diphosphohydrolase 3 [Homo sapiens (human)]
Official Symbol	ENTPD3
Synonyms	HB6; CD39L3; NTPDase-3

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Gene ID	956
mRNA Refseq	NM_001248.4
Protein Refseq	NP_001239.2
MIM	603161
UniProt ID	O75355



Coomassie blue staining of purified ENTPD3 protein.

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