

Recombinant Full Length Human ENTPD5 Protein, C-Flag-tagged

Cat. No. ENTPD5-1575HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ENTPD5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is similar to E-type nucleotidases (NTPases)/ecto-ATPase/apyrases. NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD5 contains 4 apyrase-conserved regions which is characteristic of NTPases.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.3 kDa
AA Sequence	MATSWGTVFFMLVVSCVCSAVSHRNQQTWFEGIFLSSMCPINVSASTLYGIMFDAG STGTRIHVYTFVQK MPGQLPILEGEVFDVSKPGLSAFVDQPKQGAETVQGLLEVAK DSIPRSHWKKTPVVLKATAGLRLLPEHK AKALLFEVKEIFRKSPFLVPKGSVSIMDGS DEGILAWVTVNFLTGGQLHGHRQETVGTLDLGGASTQITFL PQFEKTLEQTPRGYLTS FEMFNSTYKLYTHSYLGFGLKAARLATLGALETEGTDGHTFRSACLPRWLEAE WIF GGVKYQYGGNQEGEVGFEP CYAEVLRVVRGKLHQPEEVQRGSFYAFSYYYDRAV DTDMIDYEKGGIL KVEDFERKAREVCDNLENFTSGSPFLCMDLSYITALLKDGFGFA DSTVLQLTKKVNNIETGWALGATFHL

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	LQSLGISHTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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

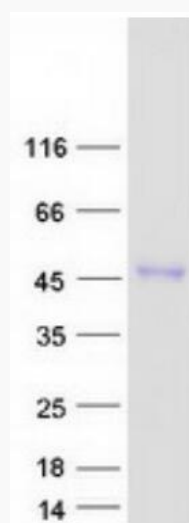
Gene Name	ENTPD5 ectonucleoside triphosphate diphosphohydrolase 5 (inactive) [Homo sapiens (human)]
Official Symbol	ENTPD5
Synonyms	PCPH; CD39L4; NTPDase-5
Gene ID	957

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mRNA Refseq	NM_001249.5
Protein Refseq	NP_001240.1
MIM	603162
UniProt ID	O75356



Coomassie blue staining of purified ENTPD5 protein.