

Recombinant Full Length Human Ectonucleoside Triphosphate Diphosphohydrolase 5(Entpd5) Protein, His-Tagged

Cat. No. RFL947HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Ectonucleoside triphosphate diphosphohydrolase 5(ENTPD5) Protein (O75356) (1-428aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-428)
Form	Lyophilized powder
AA Sequence	MATSWGTVFFMLVVSCVCSAVSHRNQQTWFEGIFLSSMCPINVSASTLYGIMFDAG STGTRIHVYTFVQKMPGQLPILEGEVFDVSVKPLSAFVDQPKQGAETVQGLLEVAKD SIPRSHWKKTPVVLKATAGLRLLPEHKAKALLFEVKEIFRKSPFLVPKGSVSIMDGSD EGILAWVTVNFLTGQLHGHRQETVGTLDLGGASTQITFLPQFEKTLEQTPRGYLTSE EMFNSTYKLYTHSYLGFGLKAARLATLGALETEGTDGHTFRSACLPRWLEAEWIFG GVKYQYGGNQEGEVGFEPICYAEVLRVVRGKLHQPEEVQRGSFYAFSYYYDRAVDT DMIDYEKGGILKVEDFERKAREVCDNLENFTSGSPFLCMDLSYITALLKDGFGFADST VLQLTKKVNNIETGWALGATFHLLQSLGISH
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	ENTPD5
Synonyms	ENTPD5; CD39L4; PCPH; Ectonucleoside triphosphate diphosphohydrolase 5; NTPDase 5; CD39 antigen-like 4; ER-UDPase; Guanosine-diphosphatase ENTPD5; GDPase ENTPD5; Nucleoside diphosphatase; Uridine-diphosphatase ENTPD5; UDPase ENTPD5
UniProt ID	O75356