# Recombinant Full Length Human ENTPD5 Protein, GST-tagged

**Cat. No.** ENTPD5-4334HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human ENTPD5 full-length ORF ( AAH20966, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 407 amino acids |
| **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. [provided by RefSeq, Jan 2009] |
| **Molecular Mass** | 70.18 kDa |
| **AA Sequence** | MATSWGTVFFMLVVSCVCSAVSHRNQQTWFEGIFLSSMCPINVSASTLYGIMFDAG STGTRIHVYTFVQKMPGQLPILEGEVFDSVKPGLSAFVDQPKQGAETVQGLLEVAKD SIPRSHWKKTPVVLKATAGLRLLPEHKAKALLFEVKEIFRKSPFLVPKGSVSIMDGSD EGILAWVTVNFLTGQLHGHRQETVGTLDLGGASTQITFLPQFEKTLEQTPRGYLTSF EMFNSTYKLYTHSYLGFGLKAARLATLGALETEGTDGHTFRSACLPRWLEAEWIFG GVKYQYGGNQEGEVGFEPCYAEVLRVVRGKLHQPEEVQRGSFYAFSYYYDRAVDT DMIDYEKGGILKVEDFERKAREVCDNLENFTSGSPFLCMDLSYITALLKDGFGFADST VLQHIISWVN |

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| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | ENTPD5 ectonucleoside triphosphate diphosphohydrolase 5 [ Homo sapiens ] |
| **Official Symbol** | ENTPD5 |
| **Synonyms** | ENTPD5; ectonucleoside triphosphate diphosphohydrolase 5; CD39L4, PCPH, proto oncogene CPH; NTPDase 5; ER-UDPase; CD39-like 4; GDPase ENTPD5; UDPase ENTPD5; proto-oncogene CPH; CD39 antigen-like 4; nucleoside diphosphatase; Pcph proto-oncogene protein; uridine-diphosphatase ENTPD5; guanosine-diphosphatase ENTPD5; PCPH; CD39L4; NTPDase-5; MGC163357; MGC163359; |
| **Gene ID** | 957 |
| **mRNA Refseq** | NM_001249 |
| **Protein Refseq** | NP_001240 |
| **MIM** | 603162 |

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| **UniProt ID** | O75356 |

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