

# Recombinant Full Length Human ENTPD1 Protein, C-Flag-tagged

**Cat. No.** ENTPD1-908HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human ENTPD1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene.                                                                                                                                                                                                                            |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 57.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MEDTKESNVKTFCSKNILAILGFSSIIAVIALAVGLTQNKALPENVKYGIVLDAGSSHT<br>SLYIYKWPAE KENDTGVVHQVEECRVKGPISKFVQKVNEIGIYLTDCMERAREVIP<br>RSQHQETPVYLGATAGMRLLRME SEELADRVLDVVERSLSNYPDFQGARITGQE<br>EGAYGWITINYLLGKFSQKTRWFSIVPYETNNQETFG ALDLGGASTQVTFVPQNQTI<br>ESPDNALQFRLYGKDYNVYTHSFLCYGKDQALWQKLAKDIQVASNEILRD PCFHGP<br>YKKVVNVSDLYKTPCTKRFEMTLPFQQFEIQGIGNYQQCHQSILELFNTSYCPYSQC<br>AFNGIFL PPLQGDFGAFSAFYFVMKFLNLTSEKVSQEKVTEMMKKFCAQPWEEIKT<br>SYAGVKEKYLSEYCFSGTYIL SLLLQGYHFTADSWEHIHFIGIKIQGSDAGWTLGYML |

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

## GENE INFORMATION

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ENTPD1 ectonucleoside triphosphate diphosphohydrolase 1 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | ENTPD1                                                                           |
| <b>Synonyms</b>        | CD39; SPG64; ATPDase; NTPDase-1                                                  |
| <b>Gene ID</b>         | 953                                                                              |

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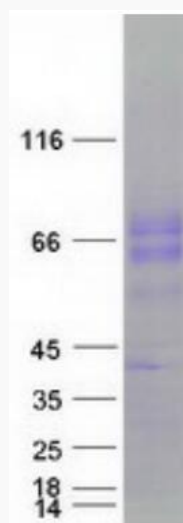
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**mRNA Refseq** [NM\\_001776.6](#)

**Protein Refseq** [NP\\_001767.3](#)

**MIM** [601752](#)

**UniProt ID** [P49961](#)



Coomassie blue staining of purified ENTPD1 protein.

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