

# Recombinant Full Length Human ENTPD1 Protein, GST-tagged

**Cat. No.** ENTPD1-4331HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ENTPD1 full-length ORF ( NP_001767.3, 1 a.a. - 510 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 510 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <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. [provided by RefSeq, Aug 2015]                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 84.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | <p>MEDTKESNVKTFCSKNILAILGFSSIIAVIALLAVGLTQNKALPENVKYGIVLDAGSSHT<br/> SLYIYKWPAEKENDTGVVHQVEECRVKGPISKFVQKVNEIGIYLTDCMERAREVIP<br/> RSQHQETPVYLGATAGMRLLRMESEELADRVLDVVERSLSNYPFDFQGARIITGQE<br/> EGAYGWITINYLLGKFSQKTRWFSIVPYETNNQETFGALDLGGASTQVTFVPQNQTI<br/> ESPDNALQFRLYGKDYNVYTHSFLCYGKDQALWQKLAKDIQVASNEILRDPCFHPG<br/> YKKVVNVSDLYKTPCTKRFEMTLPFQQFEIQGIGNYQQCHQSILELFNTSYCPYSQC<br/> AFNGIFLPLQGDFGAFSAFYFVMKFLNLTSEKVSQEKVTEMMKKFCAQPWEEIKTS<br/> YAGVKEKYLSEYCFSGTYILSLLLQGYHFTADSWEHIFIGKIQGS DAGWTLGYMLNL<br/> TNMIPAEQPLSTPLSHSTYVFLMVLFSVLFTVAIIGLLIFHKPSYFWKDMV</p> |

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

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ENTPD1 ectonucleoside triphosphate diphosphohydrolase 1 [ Homo sapiens ]                                                                                                                                                                                                   |
| <b>Official Symbol</b> | ENTPD1                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | ENTPD1; ectonucleoside triphosphate diphosphohydrolase 1; CD39; ATPDase; NTPDase 1; CD39 antigen; ecto-apyrase; ecto-ATPase 1; ecto-ATPDase 1; ecto-ATP diphosphohydrolase 1; lymphoid cell activation antigen; NTPDase-1; FLJ40921; FLJ40959; DKFZp686D194; DKFZp686I093; |
| <b>Gene ID</b>         | 953                                                                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_001098175                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_001091645                                                                                                                                                                                                                                                               |
| <b>MIM</b>             | 601752                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | P49961                                                                                                                                                                                                                                                                     |

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