

# Recombinant Full Length Human ENTPD1 Protein

**Cat. No.** ENTPD1-155HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Recombinant full length Human CD39 with N terminal proprietary tag; Predicted MWt 82.17 kDa inclusive of tag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 510 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | Ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1) also known as CD39 (Cluster of Differentiation 39), is a human gene.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 82.170kDa inclusive of tags                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | <p>MEDTKESNVKTFCSKNILAILGFSSIIAVIALAVGLTQN KALPENVKYGIVLDAGSSHT</p> <p>SLYIYKWPAEKENDTGVVHQ VEECRVKGPGISKFVQKVNEIGIYLTDCMERAREVIP</p> <p>RSQ HQETPVYLGATAGMRLLRMESEELADRVLDVVERSLSNYP FDFQGARIITGQE</p> <p>EGAYGWITINYLLGKFSQKTRWFSIVP YETNNQETFGALDLGGASTQVTFVPQNQTI</p> <p>ESPDNALQFR LYGKDYNVYTHSFLCYGKDQALWQKLAQDIQVASNEILRD PCFHP</p> <p>GYKKVVNVSDLYKTPCTKRFEMTLPFQQFEIQGIG NYQQCHQSILELFNTSYCPYSQ</p> <p>CAFNGIFLPPLQGDFGAF SAFYFVMKFLNLTSEKVSQEKVTEMMKKFCAQPWEEIK</p> <p>TS YAGVKEKYLSEYCFSGTYILSLLLQGYHFTADSWEHIHFI GKIQGS DAGWTLGYM</p> <p>LNLTMIPAEQPLSTPLSHSTYVFL MVLFSVLVFTVAIIGLLIFHKPSYFWKDMV</p> |

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|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Proprietary Purification                                                                           |
| <b>Storage</b>        | Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles. |
| <b>Storage Buffer</b> | pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.                                          |

## 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 |
| <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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