

# Recombinant Full Length Human ENPP6 Protein, GST-tagged

**Cat. No.** ENPP6-4325HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | Human ENPP6 full-length ORF ( NP_699174.1, 1 a.a. - 440 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>    | 440 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | ENPP6 (Ectonucleotide Pyrophosphatase/Phosphodiesterase 6) is a Protein Coding gene. Among its related pathways are PI Metabolism and Metabolism. GO annotation s related to this gene include phosphoric diester hydrolase activity and glycerophosphocholine cholinephosphodiesterase activity. An important paralog of this gene is ENP P5.                                                                                                                                       |
| <b>Molecular Mass</b>   | 76.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MAVKLGTLALLALGLAQPASARRKLLVFLLDGFRSDYISDEALESPLPGFKEIVSRGV<br>KVDYLTLPDFPSLSYPNYYTLMTGRHCEVHQMIGNYMWDPTTNKSFDIGVNKDSLMP<br>LWWNGSEPLWVTLTAKRKVYMYWPGCEVEILGVRPTYCLEYKNVPTDINFANAV<br>SDALDSFKSGRADLAAIYHERIDVEGHHYGPASPQRKDALKAVDVTVLKYMTKWIQER<br>GLQDRLNVIIFSDHGMTDIFWMDKVIELNKYISLNDLQQVKDRGPVVS LWPAPGKHS<br>EIYNKLSTVEHMTVYEKEAIPSRFYKKGKFVSPLTLVADEGWFITENREMLPFWMN<br>STGRREGWQRGWHGYDNELMDMRGIFLAFGPDFKSNFRAAPIRSVDVYNVMCNV<br>VGITPLPNNGSWSRVMCMLKGRASTAPPVWPSHCALALILLFLLA |

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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>       | ENPP6 ectonucleotide pyrophosphatase/phosphodiesterase 6 [ Homo sapiens ]                                                                                                   |
| <b>Official Symbol</b> | ENPP6                                                                                                                                                                       |
| <b>Synonyms</b>        | ENPP6; ectonucleotide pyrophosphatase/phosphodiesterase 6; ectonucleotide pyrophosphatase/phosphodiesterase family member 6; MGC33971; NPP-6; E-NPP 6; B830047L21Rik; NPP6; |
| <b>Gene ID</b>         | 133121                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_153343                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_699174                                                                                                                                                                   |
| <b>MIM</b>             | 616983                                                                                                                                                                      |
| <b>UniProt ID</b>      | Q6UWR7                                                                                                                                                                      |

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