# Active Recombinant Cynomolgus ENPP2 Protein, His-tagged

**Cat. No.** ENPP2-1209C **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant cynomolgus ENPP2 (XP_005564040.1) (Asp49-Ile863) was expressed with a polyhistidine tag at the N-terminus. |
| **Species** | Cynomolgus |
| **Source** | HEK293 |
| **ProteinLength** | 49-863 a.a. |
| **Predicted N Terminal** | His |
| **Form** | Lyophilized from sterile PBS,pH7.4, 5%~8% trehalose and mannitol. |
| **Bio-activity** | Measured by its ability to cleave Bis (p-Nitrophenyl) Phosphate (BPNPP). The specific activity is >1,000 pmol/min/ug. |
| **Molecular Mass** | The recombinant cynomolgus ENPP2 consists 834 amino acids and predicts a molecular mass of 96 kDa. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method. |
| **Purity** | >85 % as determined by SDS-PAGE. |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70ºC. |

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| **Storage** | Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | ENPP2 ectonucleotide pyrophosphatase/phosphodiesterase 2 [ Macaca fascicularis ] |
| **Official Symbol** | ENPP2 |
| **Synonyms** | ectonucleotide pyrophosphatase/phosphodiesterase 2 |
| **Gene ID** | 102120051 |
| **mRNA Refseq** | |
| **Protein Refseq** | |
| **MIM** | |
| **UniProt ID** | |
| **Chromosome Location** | chromosome: 8 |
| **Pathway** | Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem |

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