Active Recombinant Cynomolgus ENPP2 Protein, His-tagged

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

SPECIFICATION

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

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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