

Active Recombinant Human CNPY3 Protein, His-tagged

Cat. No. CNPY3-573H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNPY3 (Accession # NP_006577) Glu38-Leu278, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Glu38-Leu278
Predicted N Terminal	Glu38
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human PRAT4A at 2 µg/mL can bind Recombinant Human TLR4/MD-2 Complex with an apparent KD <15 nM.
Molecular Mass	Recombinant Human CNPY3, His-tagged has a calculated MW of 26.9 kDa. In SDS-PAGE migrates as 37-40 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 20 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name CNPY3 canopy 3 homolog (zebrafish) [Homo sapiens]

Official Symbol CNPY3

Synonyms

CNPY3; canopy 3 homolog (zebrafish); TNRC5, trinucleotide repeat containing 5; protein canopy homolog 3; CAG4A; CAG repeat containing; CTG repeat protein 4a; protein associated with TLR4; expanded repeat domain, CAG/CTG 5; trinucleotide repeat containing 5; expanded repeat-domain protein CAG/CTG 5; protein associated with Toll-like receptor 4A; trinucleotide repeat-containing gene 5 protein; ERDA5; TNRC5; PRAT4A;

Gene ID 10695

mRNA Refseq NM_006586

Protein Refseq NP_006577

MIM 610774

UniProt ID Q9BT09

Chromosome Location 6pter-p12.1

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