

Recombinant Human CNPY3, His-tagged

Cat. No. CNPY3-11404H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNPY3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	29-278a.a.
Description	PRAT4A is associated with the immature form of TLR4 (MIM 603030) and regulates its cell surface expression (Wakabayashi et al., 2006 [PubMed 16849487]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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;

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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

Pathway Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Toll Receptor Cascades, organism-specific biosystem; Trafficking and processing of endosomal TLR, organism-specific biosystem;

Function receptor binding;

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