

Datasheet for ABIN7317257 **CNPY4 Protein (His tag)**



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Overview

Quantity:	100 µg
Target:	CNPY4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNPY4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CNPY4 Protein (His Tag)
Sequence:	Met 1-Leu248
Characteristics:	A DNA sequence encoding the human CNPY4 (Q8N129) (Met1-Leu248) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CNPY4
Alternative Name:	CNPY4 (CNPY4 Products)
Background:	Background: CNPY4 belongs to the canopy family. CNPY4 interacts with toll-like receptor 4 (TLR4) and plays a role in the regulation of the cell surface expression of TLR4. Toll-like receptors (TLRs) recognize microbial products and induce immune responses.

Target Details

Lipopolysaccharide is recognized by the receptor complex consisting of TLR4 and MD-2. As CNPY4, PRAT4B also regulates cell surface expression of TLR4. PRAT4B has a signal peptide followed by a mature peptide. It is associated with the hypoglycosylated, immature form of TLR4 but not with MD-2 or TLR2.

Synonym: PRAT4B

Molecular Weight: 27.4 kDa

UniProt: [Q8N129](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.