

Recombinant human PRAT4B/CNPY4 protein

Catalog Number: ATGP2698

PRODUCT INFORMATION

Expression system

E.coli

Domain

22-248aa

UniProt No.

Q8N129

NCBI Accession No.

NP_689968

Alternative Names

protein canopy homolog 4, PRAT4B

PRODUCT SPECIFICATION

Molecular Weight

28.6 kDa (252aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.25mg/ml (determined by BRADFORD assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 5mM DTT, 2mM EDTA

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CNPY4 belongs to the canopy family and contains 1 saposin B-type domain. This protein plays a role in the regulation of the cell surface expression of TLR4. Recombinant human CNPY4, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSEFGMLKE EDDDTERLPS KCEVCKLLST ELQAELSRTG RSREVLELGQ VLDTGKRKRH
VPYSVSETRL EEALENLCEP ILDYSVHAER KGSLRYAKGQ SQTMTLTKGL VQKGVKVDLG IPLELWDEPS VEVTYLKKQC

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ETMLEEFEDI VGDWYFHHQE QPLQNFLCEG HVLPAEAETAC LQETWTGKEI TDGEEKTEGE EEQEEEEEEE EEEGGDKMTK
TGSHPKLDRE DL

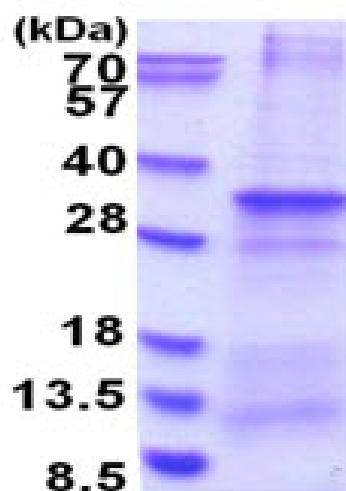
General References

Hart,B.E., et al. (2012) J. Biol. Chem. 287 (20), 16550-16562

Konno,K., et al. (2006) Biochem. Biophys. Res. Commun. 339 (4), 1076-1082

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)