

**CNPY4, 22-248aa, Human, His tag, E.coli**

**Cat.NO.: TP01668**

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3th Edition

**Synonyms:**protein canopy homolog 4, PRAT4B

**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.

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

**Molecular Weight:**28.6kDa (252aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSEFGMLKEEDDDTERLPSKCEVCKLLSTELQAELSRTGRSREVLELGQVLDL  
GKRKRHVPYSVSETRLEEALNLCERILDYSVHAERKGLRYAKGQSQTMATLKGLVQKGVKVDLGIPLLEWDEPS  
VEVTYLKKQCETMLEEFEDIVGDWYFHHQEQLQNFLCEGHVLPAAETAQLQETWTGKEITDGEEKTEGEEEQEE  
EEEEEEEEGGDKMKTGTGSHPKLDREDL

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by BRADFORD assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.