

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

Cat.NO.: TP01668

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:

MGSSHHHHHHSSGLVPRGSHMGSEFGMLKEEDDDTERLPSKCEVCKLLSTELQAELSRTGRSREVLELGQVLDT
GKRKRHVPYSVSETRLEEALNLCERILDYSVHAERKGSRLYAKGQSQTMTATLKGLVQKGVKVDLGIPLELWDEPS
VEVTYLKKQCETMLEEFEDIVGDWYFHHQEQLQNFLCEGHVLPAAETACLQETWTGKEITDGEEKTEGEEEQEE
EEEEEEEEGGDKMTKTGSHPKLDREDL

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.