

## 32-3561: CNPY3 Recombinant Protein

### Alternative Name :

CAG4A,ERDA5,PRAT4A,TNRC5,Protein canopy homolog 3,CTG repeat protein 4a,Expanded repeat-domain protein CAG/CTG 5,Protein associated with TLR4,Trinucleotide repeat-containing gene 5 protein,CNPY3.

### Description

Source : E.coli. CNPY3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 271 amino acids (31-278 a.a.) and having a molecular mass of 29.9kDa. CNPY3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Canopy 3 homolog (CNPY3) is a 271 a.aToll-like receptor specific co-chaperone for HSP90B1. CNPY3 is necessitated for proper TLR folding, excluding that of TLR3, and so controls TLR exit from the endoplasmic reticulum. Therefore, CNPY3 is required for both innate and adaptive immune responses.

### Product Info

#### Amount :

20 µg

#### Purification :

Greater than 85% as determined by SDS-PAGE.

#### Content :

CNPY3 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

#### Storage condition :

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

#### Amino Acid :

MGSSHHHHHH SSGLVPRGSH MSGGPSQAGA EENDWVRLPS KCEVCKYVAV ELKSAFEETG  
KTKEVIGTGY GILDQKASGV KYTKSDLRLI EVTETICKRL LDYSLHKERT GSNRFAKGMS ETFETLHNLV  
HKGVKVMDI PYELWNESA EVADLKKQCD VLVEEFEEVI EDWYRNHQEE DLTEFLCANH VLKGGKDTSC  
AEQWSGKKGD TAALGGKKSK KKSSRAKAAG GRSSSSKQRK ELGGLEGDPS PEEDEGIQKA SPLTHSPDE  
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