9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CNPY3 Human

Canopy 3 Homolog Human Recombinant
RCP0474

Product Overview

Name	CNPY3 Human
Description	
Canopy 3 Homolog Human Recombinant	
Accession (Primary)	Q9BT09
Synonyms	
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.	
Introduction	
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, CNPY3i s required for both innate and adaptive immune responses.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CNPY3 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS GPSQAGA EENDWVRLPS KCEVCKYVAV ELKSAFEETG KTKEVIGTGY GILDQKASGV KYTKSDLRLI EVTETICKRL LDYSLHKERT GSNRFAKGMS ETFETLHNLV HKGVKVVMDI PYELWNETSA EVADLKKQCD VLVEEFEEVI EDWYRNHQEE DLTEFLCANH VLKGKDTSCL AEQWSGKKGD TAALGGKKSK KKSSRAKAAG GRSSSSKQRK ELGGLEGDPS PEEDEGIQKA SPLTHSPPDE L.	
Precautions	

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CNPY3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BT09)