

## Canopy 3 Homolog Human Recombinant

<b>Item Number</b>	rAP-2947
<b>Synonyms</b>	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.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q9BT09
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MSGGPSQAGA EENDWVRLPS KCEVCKYVAV ELKSAFEETG KTKEV- IGTGY GILDQKASGV KYTKSDLRLI EVTETICKRL LDYSLHKERT GSNRFAKGMS ETFETLHNLV HKGVKVMDI PYELWNESA EVADLKKQCD VLVEEFEEVI EDWYRNHQEE DLTEFLCANH VLKGKDTSL AEQWSGKKGD TAALGGKSK KKSSRAKAAG GRSSSSKQRK ELGGLEGDPS PEEDEGIQKA SPLTHSPDE L.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	CNPY3 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**