

Canopy 3 Homolog Human Recombinant

Item Number	rAP-2947
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.
Description	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.
Uniprot Accesion Number	Q9BT09
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSGPSQAGA EENDWVRLPS KCEVCKYVAV ELKSAFEETG KTKEV- IGTGY GILDQKASGV KYTKSDLRLI EVTETICKRL LDYSLHKERT GSNRFAKGMS ETFETLHNLV HKGVKVMDI PYELWNETSA EVADLKKQCD VLVEEFEEVI EDWYRNHQEE DLTEFLCANH VLKGKDTSCL AEQWSGKKGD TAALGGKSK KKSSRAKAAG GRSSSSKQRK ELGGLEGDPS PEEDEGIQKA SPLTHSPPDE L.
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 end users! This product is sold for **Research Use Only**