

# Recombinant Full Length Human CNPY3 Protein, GST-tagged

**Cat. No.** CNPY3-1921HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Human CNPY3 full-length ORF (AAH04423.1, 1 a.a. - 278 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 278 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | This gene encodes a protein that binds members of the toll-like receptor protein family and functions as a chaperone to aid in folding and export of these proteins. Alternative splicing results in multiple transcript variants. Naturally occurring readthrough transcription occurs between this locus and the downstream GNMT (glycine N-methyltransferase) gene and is represented with GeneID:107080644. [provided by RefSeq, Jan 2016] |
| <b>Molecular Mass</b>   | 56.98 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MDSMPEPASRCLLLLPLLLLLLLLLLPAPELGPSQAGAEENDWVRLPSKCEVCKYVAV<br>ELKSAFEETGKTKEVIGTGYGILDQKASGVKYTKSDLRLIEVTETICKRLLDYSLHKER<br>TGSNRFKAGMSETFETLHNLVHKGVKVVMDIPYELWNETSAEVADLKKQCDVLVEE<br>FEEVIEDWYRNHQEEDLTEFLCANHVLKKGKDTSCLAEQWSGKKGDTAALGGKKSK<br>KKSSRAKAAGGRSSSSKQRKELGGLEGDPSPPEEDEGIQKASPLTHSPDEL                                                                                                                                       |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                      |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>        | CNPY3 canopy 3 homolog (zebrafish) [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b>  | CNPY3                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | CNPY3; canopy 3 homolog (zebrafish); TNRC5, trinucleotide repeat containing 5; protein canopy homolog 3; CAG4A; CAG repeat containing; CTG repeat protein 4a; protein associated with TLR4; expanded repeat domain, CAG/CTG 5; trinucleotide repeat containing 5; expanded repeat-domain protein CAG/CTG 5; protein associated with Toll-like receptor 4A; trinucleotide repeat-containing gene 5 protein; ERDA5; TNRC5; PRAT4A |
| <b>Gene ID</b>          | 10695                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>      | NM_006586                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>   | NP_006577                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>              | 610774                                                                                                                                                                                                                                                                                                                                                                                                                          |

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UniProt ID

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