

Recombinant Human CNPY3 293 Cell Lysate

Cat. No. CNPY3-7396HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for canopy 3 homolog (zebrafish) (CNPY3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

CNPY3 canopy 3 homolog (zebrafish) [Homo sapiens]

Official Symbol

CNPY3

Synonyms

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;

Gene ID

10695

mRNA Refseq

NM_006586

Protein Refseq

NP_006577

MIM

610774

UniProt ID

Q9BT09

**Chromosome
Location**

6pter-p12.1

Pathway

Immune System, organism-specific biosystem; Innate Immune System, organism-

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specific biosystem; Toll Receptor Cascades, organism-specific biosystem; Trafficking and processing of endosomal TLR, organism-specific biosystem;

Function

receptor binding;

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