

Datasheet for ABIN2712490

**CPNE7 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)**[Go to Product page](#)**1** Image**1** Publication

## Overview

Quantity:	20 µg
Target:	CPNE7
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPNE7 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Copine-7 (transcript variant 1) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	CPNE7
Alternative Name:	Copine-7 ( <a href="#">CPNE7 Products</a> )
Background:	<p>This gene encodes a member of the copine family, which is composed of calcium-dependent membrane-binding proteins. The gene product contains two N-terminal C2 domains and one von Willebrand factor A domain. The encoded protein may be involved in membrane trafficking.</p> <p>Two alternatively spliced transcript variants encoding different isoforms have been found for</p>

## Target Details

this gene.

Molecular Weight: 61.8 kDa

NCBI Accession: [NP\\_705900](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Concentration: 50 µg/mL

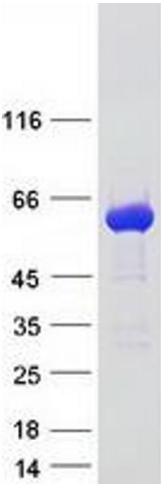
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

Product cited in: Braunschweig, Krakowiak, Duncanson, Boyce, Hansen, Ashwood, Hertz-Picciotto, Pessah, Van de Water: "Autism-specific maternal autoantibodies recognize critical proteins in developing brain." in: **Translational psychiatry**, Vol. 3, pp. e277, (2013) ([PubMed](#)).



Western Blotting

**Image 1.** Validation with Western Blot