

[Go to Product page](#)

Datasheet for ABIN7318335 CPNE1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CPNE1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPNE1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Copine-1/CPNE1 Protein (His Tag)
Sequence:	Met 1-Ala537
Characteristics:	Recombinant Human Copine-1 is produced by our E.coli expression system and the target gene encoding Met1-Ala537 is expressed with a 6His tag at the N-terminus, 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CPNE1
Alternative Name:	Copine-1/CPNE1 (CPNE1 Products)
Background:	Background: Copine-1(CPNE1) encodes a calcium-dependent protein which belongs to the copine family. CPNE1 contains two N-terminal type II C2 domains and an integrin A domain-like

Target Details

sequence in the C-terminus. However, CPNE1 does not contain a predicted signal sequence or transmembrane domains. CPNE1 may regulate molecular events at the interface of the cell membrane and cytoplasm. CPNE1 has a broad tissue distribution and it may function in membrane trafficking.

Synonym: Copine-1, Copine I, CPN1, CPNE1

Molecular Weight: 62.2 kDa

UniProt: [Q99829](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.