Product Name: Recombinant Human CPNE1 (N, C-6His)
Catalog #: PEH0444

Summary

Name	Copine-1/CPNE1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q99829
Host	E.coli
Species	Human
Predicted Molecular Mass	62.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Citrate, 50mM NaCl, 6% Trehalose, 3% Glycine, 5mM Methionine, 0.05% Tween 80, pH 5.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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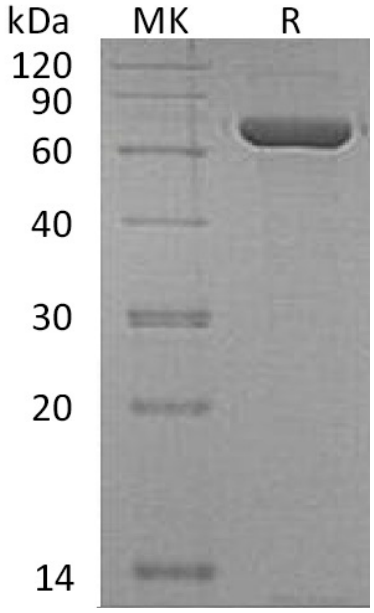

Alternative Names

Copine-1; Copine I; CPN1; CPNE1

Background

Copine-1(CPNE1) encodes a calcium-dependent protein which belongs to the copine family. CPNE1contains two N-terminal type II C2 domains and an integrin A domain-like 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.

Note

For Research Use Only , Not for Diagnostic Use.