

Recombinant Human CPNE1 protein(Met1-Ala537), SUMO-tagged

Cat. No. CPNE1-8646H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPNE1 (Q99829) (Met1-Ala537) was expressed in Insect Cells, fused with the SUMO tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Ala537
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.0, 10% gly Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human CPNE1 consists of 656 amino acids and predicts a molecular mass of 72.7 KDa. The apparent molecular mass of the protein is approximately 73 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CPNE1 copine I [Homo sapiens]
Official Symbol	CPNE1
Synonyms	CPNE1; copine I; copine-1; CPN1; COPN1; MGC1142;
Gene ID	8904
mRNA Refseq	NM_001198863
Protein Refseq	NP_001185792
MIM	604205
UniProt ID	Q99829

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