

32-8279: Recombinant Human Copine-1/CPNE1 (N, C-6His)(Discontinued)

Gene : CPNE1
Gene ID : 8904
Uniprot ID : Q99829

Description

Source: E. coli.
MW :62.2kD.

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. 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 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MGSSHHHHHHSSGLVPRGSHMAHCVTLVQLSISCDHLIDKDIGSKSDPLCVLLQDVGGGSWAELGRTERVRN
CSSPEFSKTLQLEYRFETVQKLRFGIYDIDNKTPELRDDDFLGGAECSLGQIVSSQVLTLPMLKPGKPAGRGTT
VSAQELKDNRVVTMEVEARNLDKKDFLGKSDPFLEFFRQGDGKWHLVYRSEVIKNNLNPTWKRFSVPVQHFC
GGNPSTPIQVQCSDYDSDGSHDLIGTFHTSLAQLQAVPAEFECIHPEKQKKKSYKNSGTRVKICRVETESFL
DYVMGGCQINFVGVDFGSDNGDPSSPSLHYLSPTGVNEYLMALWSVGSVVQDYDSKLFPAFGFGAQVPP
DWQVSHEFALNFNPSNPYAGIQQIVDAYRQALPQVRLYGPTNFAPINHVARFAAQAAHQGTASQYFMLLLLT
DGAVTDVETREAVVRASNLPM SVIIVGVGGADFEAMEQLDADGGPLHTRSGQAAARDIVQFVYRRFQNP
REALAQTVLAEVPTQLVSYFRAQGWAPLKPLPPSAKDPAQAPQALEHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.