

Recombinant Human PACSIN2/Syndapin-2 Protein (His Tag)



Catalog Number:PKSH032846

Note: Centrifuge before opening to ensure complete recovery of vial contents.

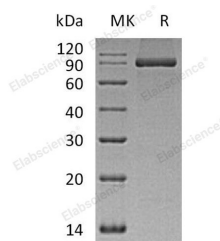
Description

| | |
|------------------------------------|---|
| Synonyms | Protein Kinase C and Casein Kinase Substrate in Neurons Protein 2;PACSIN2 |
| Species | Human |
| Expression Host | HEK293 Cells |
| Sequence | Met 1-Gln486 |
| Accession | Q9UNF0 |
| Calculated Molecular Weight | 56.7 kDa |
| Observed molecular weight | 88 kDa |
| Tag | C-His |

Properties

| | |
|-----------------------|--|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | 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. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual |
| Reconstitution | Please refer to the printed manual for detailed information. |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Protein Kinase C and Casein Kinase Substrate in Neurons Protein 2 (PACSIN2) is a member of the PACSIN family. PACSIN2 is localized to the plasma membrane via its coiled-coil domain. PACSIN2 is widely expressed and contains one FCH domain and one SH3 domain. PACSIN2 forms homo- and hetero-aggregates with other PACSINs. PACSIN2 may play a role in vesicle formation and transport. In addition, PACSIN2 is involved in linking the actin cytoskeleton with vesicle formation by regulating tubulin polymerization.

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