

## 32-7670: Recombinant Human PACSIN1/Syndapin-1 (C-6His)

**Gene :** PACSIN1

**Gene ID :** 29993

**Uniprot ID :** Q9BY11

### Description

Source: Human Cells.

MW :52kD.

Recombinant Human Syndapin-1 is produced by our Mammalian expression system and the target gene encoding Met1-Ile444 is expressed with a 6His tag at the C-terminus. Protein Kinase C and Casein Kinase Substrate in Neurons Protein 1 (PACSIN1) belongs to the PACSIN family. PACSIN1 contains one FCH domain and one SH3 domain. PACSIN1 is highly expressed in the brain and at lower levels in the heart, pancreas, and liver. PACSIN1 may play a role in vesicle formation and transport. PACSIN1 has been shown to interact with DNM1, PACSIN3, Huntingtin, and PACSIN2. In addition, PACSIN1 is phosphorylated by casein kinase 2 (CK2) and protein kinase C (PKC).

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

**Amino Acid :** MSSSYDEASLAPEETTSFWEVGNYKRTVKRIDDGHRCLNDLMNCVQERAKIEKAYGQQLTDWAKRWRQLIE  
KGPQYGSLEAWGAIMTEADKVSELHQEVKNNLLNEDLEKVNWQKDAYHKQIMGGFKETKEAEDGFRKAQ  
KPWAKMKLEAAKKAYHLACKEEKLAMTREMNSKTEQSVTPEQQKKLQDKVDKCKQDVQKTQEKYEKVL  
VGKTTTPQYMEQVFEQCQQFEKRLVFLKEVLLDIKRHLNLAENSSYIHVYRELEQAIRGADAQEDLRWFRS  
TSGPGMPMNWPQFEWNPDLPHTTTKKEKQPKKAEGVALTNATGAVESTSQAGDRGSVSSYDRGQPYATEW  
SDDESGNPFGGSETNGGANPFEDDSKGVVRALYDYDGQEDELFSKAGDELTKLGEDEQGWCRGRDLDSG  
QLGLYPANYVEAIVDHHHHHHH

### Application Note

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