

32-7210: Recombinant Human Hippocalcin-Like Protein 1/HPCAL1 (N-6His)

Gene : HPCAL1

Gene ID : 3241

Uniprot ID : P37235

Description

Source: E.coli.

MW :24.5kD.

Recombinant Human Hippocalcin-Like Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Phe193 is expressed with a 6His tag at the N-terminus. Hippocalcin-Like Protein 1 (HPCAL1) is a neuron-specific calcium-binding member of the recoverin family which found in the retina and brain. HPCAL1 contains four EF-hand domains and it is highly similar to human hippocalcin protein. HPCAL1 is involved in the calcium-dependent regulation of rhodopsin phosphorylation. In addition, it may be of relevance for neuronal signalling in the central nervous system.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 200mM NaCl, 1mM DTT, 10% Glycerol, pH 8.0.

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

Amino Acid : MGSSHHHHHHSSGLVPRGSHMGKQNSKLRPEVLQDLRENTFTDHELQEWYKGFLLKDCPTGHLLTVDEFKKIY
ANFFPYGDASKFAEHVFRFTFDNNGDGTIDFREFIALSVTSRGKLEQKLKWFMSYDLGNGYISRSEMLEIVQAI
YKMSVSSVMKMPDESTPEKRTDKIFRQMDTNNNGKLSLEEFIRGAKSDPSIVRLLQCDPSSASQF

Application Note

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