

32-4290: Recombinant Human Neurocalcin Delta

Alternative Name : Rocalcin Delta, MGC33870, MGC74858, Neurocalcin-Delta.

Description

Source : Escherichia Coli. NCALD produced in E.Coli is a single, non-glycosylated polypeptide chain containing 213 amino acids (1-193.a.a) and having a molecular mass of 24.4kDa. NCALD is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NCALD belongs to the neuronal calcium sensor (NCS) family. NCALD is cytosolic at inactive calcium levels; but, high intracellular calcium levels induce a conformational transformation which exposes the myristoyl group, causing protein association with membranes and partial co-localization with the perinuclear trans-golgi network. NCALD protein is a regulator of signal transduction by G protein-coupled receptor.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The NCALD protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 40% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGKQNSKLRP EVMQDLLEST DFTEHEIQEW YKGFLRDCPS GHLSMEEFKK IYGNFFPYGD ASKFAEHVFR TFDANGDGTI DFREFIALS VTSRGKLEQK LKWAFFSMYDL DGNGYISKAE MLEIVQAIYK MVSSVMKMPE DESTPEKRTE KIFRQMDTNR DGKLSLEEFI RGAKSDPSIV RLLQCDPSSA GQF.

