

NCALD, 1-193aa, Human, His tag, E.coli

Cat.NO.: TP03102

3th Edition

Synonyms:Neurocalcin-delta

Description:Neurocalcin-delta, also known NCALD, is a member of the neuronal calcium sensor (NCS) family. NCALD is cytosolic at resting calcium levels; however, elevated intracellular calcium levels induce a conformational change that exposes the myristoyl group, resulting in protein association with membranes and partial colocalization with the perinuclear trans-golgi network.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 100mM NaCl

Molecular Weight:24.4 kDa (213aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGKQNSKLRPEVMQDLLESTDFTEHEIQEWYKGFLRDCPSGHLSMEEFKKIYGN
FFPYGDASKFAEHVFRTFDANGDGTIDFREFIIALSVTSRGKLEQKLKWFMSMYDLGNGYISKAEMLEIVQAIYKMV
SSVMKMPPEDESTPEKRTEKIFRQMDTNRDGKLSLEEFIRGAKSDPSIVRLLQCDPSSAGQF

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.