

Neurocalcin Delta Recombinant Protein | NCALD recombinant protein

Recombinant Human Neurocalcin Delta

CATALOG # AAA39002	HOST E Coli
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PRODUCT SYNONYMS

Neurocalcin Delta; Recombinant Human Neurocalcin Delta; NCALD Human; Neurocalcin Delta Recombinant Human; Rocalcin Delta; MGC33870; MGC74858; Neurocalcin-Delta; NCALD recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	The NCALD protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 40% glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGK QNSKLRPEVM QDLLESTDFT EHEIQEWYKG FLRDCPSGHL SMEEFKKIYG NFFPYGDASK FAEHVFRFTD ANGDTIDFR EFIALSVTS RGKLEQKLKW AFSMYDL DGN GYISKAEMLE IVQAIYKMVS SVMKMPEDS TPEKRTEKIF RQMDTNRDGK LSLEEFIRGA KSDPSIVRL QCDPSSAGQF
Sequence Length	193
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NCALD recombinant protein	Description: 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. Introduction: 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 Categories/Family for NCALD recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	98985783
NCBI GeneID	83988
NCBI Accession #	NP_001035714.1
NCBI GenBank Nucleotide #	NM_001040624.1
UniProt Accession #	P61601 ; P29554 ; Q8IYC3 ; Q9H0W2
Molecular Weight	22,245 Da

NCBI Official Full Name	neurocalcin-delta
NCBI Official Synonym Full Names	neurocalcin delta
NCBI Official Symbol	NCALD
NCBI Protein Information	neurocalcin-delta
UniProt Protein Name	Neurocalcin-delta
UniProt Gene Name	NCALD
UniProt Entry Name	NCALD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ncald-recombinant-protein-e-coli/39002>