

NCALD recombinant protein

NCALD, 1-193aa, Human, His tag, E Coli

CATALOG # AAA48688	HOST E Coli	APPLICATIONS SDS-Page
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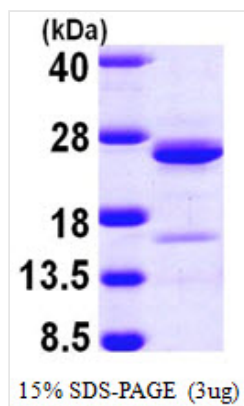
PRODUCT SYNONYMS

NCALD; 1-193aa; Human; His tag; E Coli; Neurocalcin-delta; MGC33870; MGC74858; Neurocalcin delta; NCALD recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 100mM NaCl
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGKQNSKLRP EVMQDLLEST DFTEHEIQEW YKGFLRDCPS GHLSMEEFKK IYGNFFPYGD ASKFAEHVFR TFDANGDGTI DFREFIIALS VTSRGKLEQK LKWAFSMYDL DGNGYISKAE MLEIVQAIYK MVSSVMKMPE DESTPEKRTE KIFRQMDTNR DGKLSLEEFI RGAKSDPSIV RLLQCDPSSA GQF
Sequence Length	193
Applicable Applications for NCALD recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for NCALD recombinant protein	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 co-localization with the perinuclear trans-golgi network. This protein is thought to be a regulator of signal transduction by G protein-coupled receptor. Recombinant human NCALD protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for NCALD recombinant protein	Neuroscience
References	Burqoyne RD., et al. (2007) Nat Rev Neurosci. 8 (3):182-93.; Burqoyne RD., et al. (2004) Trends Neurosci. 27 (4): 203-9

NCBI AND UNIPROT INFORMATION

NCBI GI #	98985795
NCBI GeneID	83988
NCBI Accession #	NP_001035720
NCBI GenBank Nucleotide #	NM_001040630.1
UniProt Accession #	P61601; P29554; Q8IYC3; Q9H0W2
Molecular Weight	24.4 kDa (213aa), confirmed by MALDI-TOF
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

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.

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Online datasheet: <https://stage.aaabiotech.com/ncald-recombinant-protein-e-coli-sds-page/48688>