

Product datasheet

Recombinant Human Calneuron 1 protein ab101049

1 Image

Description

Product name	Recombinant Human Calneuron 1 protein
Purity	> 90 % SDS-PAGE. ab101049 is purified using conventional chromatography techniques
Expression system	Escherichia coli
Accession	<u>Q9BXU9</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MPFHHVTAGL LYKGNLNRSL SAGSDSEQL ANISVEELDE IREAFRVLDR DGNFISKQE LGMAMRSLGY MPSEVELAII MQRLDMDGDG QVDFDEFMTI LGPKLVSSEG RDGFLGNTID SIFWQFDMQR ITLEELKHIL YHAFRDHLTM KDIENIINE EESLNETSGN CQTEFEGVHS QKQNRQTCVR KS
Predicted molecular weight	24 kDa including tags
Amino acids	1 to 192
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab101049** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.00174% PMSF, 0.0308% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

General Info

Function

Negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity (By similarity). May play a role in the physiology of neurons and is potentially important in memory and learning.

Tissue specificity

Brain specific.

Sequence similarities

Contains 2 EF-hand domains.

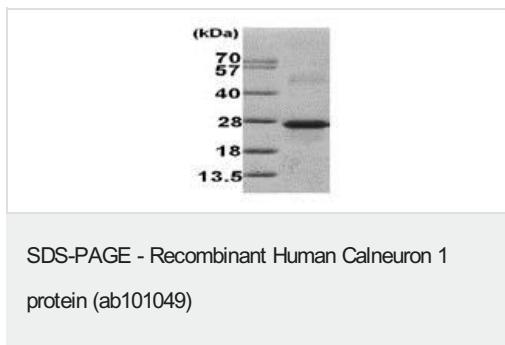
Domain

The C-terminal transmembrane domain (TMD) is necessary and sufficient for membrane targeting.

Cellular localization

Golgi apparatus, trans-Golgi network membrane. Cytoplasm, perinuclear region. Cell membrane.

Images



ab101049 at 3 µg on an SDS-PAGE gel (15%)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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