

Product datasheet

Recombinant Human BAALC protein ab95394

1 Image

Description

Product name	Recombinant Human BAALC protein
Purity	> 95 % SDS-PAGE. ab95394 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MCGGSRADA IEPRYESWT RETESTWLTY TDSDAPPSAA APDSGPEAGG LHSGMLEDGL PSNGVPRSTA PGGIPNPEKK TNCETQCPNP QSLSSGPLTQ KQNGLQTTEA KRDAKRMPAK EVTINVTDSI QQMDRSRRIT KNCVN
Amino acids	1 to 145

Specifications

Our **Abpromise guarantee** covers the use of **ab95394** 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
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: 0.0154% DTT, 0.316% Tris HCl, 0.0584% EDTA, 20% Glycerol (glycerin, glycerine)
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General Info

Function

May play a synaptic role at the postsynaptic lipid rafts by interacting with CAMK2A.

Tissue specificity

Expressed by neural and hematopoietic cells. Expression is found both in normal early progenitor cells and in the most immature type of blasts in acute leukemia but not in mature hematopoietic cells. Isoform 2 and isoform 6 are expressed in the brain. Isoform 2 shows a low expression in neuroectoderm-derived tissues such as adrenal gland and no expression in bone marrow, peripheral blood lymphocytes or lymph nodes, or in tumors or cancer cell lines of nonneural tissue origin.

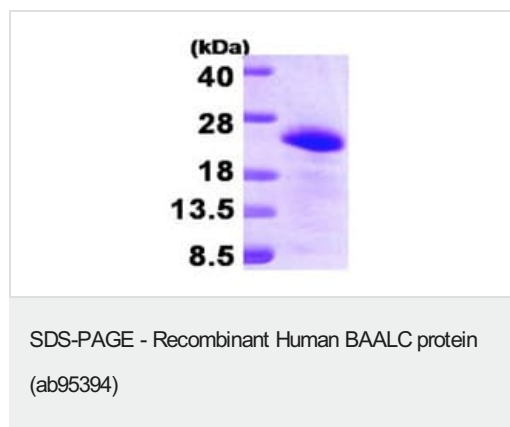
Post-translational modifications

Palmitoylation and myristoylation target the protein to the lipid rafts.

Cellular localization

Cytoplasm. Membrane. Postsynaptic lipid rafts.

Images



15% SDS-PAGE showing ab95394 at approximately 17.7kDa (3μg).

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

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