

Product information



BAALC, 1- 145 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0438

Full name: Brain and acute leukemia, cytoplasmic isoform 1

NCBI Accession No.: NP_079088

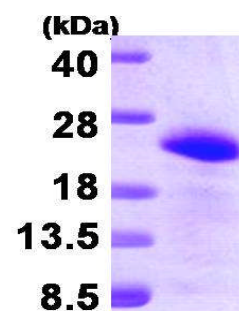
Description: Brain and acute leukemia, cytoplasmic (BAALC) is localizes to both the membrane and the cytoplasm and exists as multiple alternatively spliced isoforms. Expressed by hematopoietic and neural cells, BAALC interacts with CaMKII α and is thought to play a role in synaptic function at postsynaptic lipid rafts. Overexpression of BAALC concomitant predict adverse clinical outcome and may define important risk factor in cytogenetically normal acute myeloid leukemia (AML). Recombinant human BAALC, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 20% glycerol, 2mM EDTA

Molecular Weight: 17.7 kDa (165aa)

Purity: > 95% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGC GGS RADA IEP RYYESWT RETESTWLTY TDSDAPPSAA APDSGPEAGG LHSGMLEDGL PSNGVPRSTA
PGGIPNPEKK TNCETQCPNP QSLSSGPLTQ KQNGLQTTEA KRDAKRMPEAK EVTINVTDSI QQMDRSRRIT KNCVN

General references:

Tanner SM., *et al.* (2001) *Proc Natl Acad Sci U S A.* 98(24):13901-6.

Satoskar AA., *et al.* (2005) *Gene Expr Patterns.* 5(4):463-73.

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.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

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