

Recombinant Human BAALC, His-tagged

Cat. No. BAALC-1827H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human BAALC, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-145aa
Description	This gene was identified by gene expression studies in patients with acute myeloid leukemia (AML). The gene is conserved among mammals and is not found in lower organisms. Tissues that express this gene develop from the neuroectoderm. Multiple alternatively spliced transcript variants that encode different proteins have been described for this gene; however, some of the transcript variants are found only in AML cell lines.
Form	Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 20% glycerol, 2mM EDTA
Molecular Mass	17.7 kDa (165aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSSLVPRGSH MCGGSRADA IEPYYESWT RETESTWLTY TSDAPPSAA APDSGPEAGG LHSGMLEDGL PSNGVPRSTAPGGIPNPEKK TNCETQCPNP QSLSSGPLTQ KQNGLQTTEA KRDAKRMPAK EVTINVTDSI QQMDRSRRIT KNCVN

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Purity	> 95% by SDS - PAGE
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.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	BAALC brain and acute leukemia, cytoplasmic [Homo sapiens (human)]
Official Symbol	BAALC
Synonyms	BAALC; brain and acute leukemia, cytoplasmic; brain and acute leukemia cytoplasmic protein
Gene ID	79870
mRNA Refseq	NM_024812
Protein Refseq	NP_079088
MIM	606602
UniProt ID	Q8WXS3
Chromosome Location	8q22.3

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