

Recombinant Human BAALC, His-tagged

Cat. No. BAALC-27428TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full length Human BAALC isoform 2 (amino acids 1-145) with N terminal His tag; 165 aa, 17.7kDa.
Species	Human
Source	E.coli
ProteinLength	145 amino acids
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.
Conjugation	HIS
Molecular Weight	17.700kDa inclusive of tags
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. Iso

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Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 0.02% DTT, 20% Glycerol, 0.06% EDTA
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MGCGGSRADA IEPRIYESWT RETESTWLTY TDSAPPSSAA APDSGPEAGG LHSGMLEDGL PSNGVPRSTA PGGIPNPEKK TNCETQCPNP QSLSSGPLTQ KQNGLQTTEA KRDAKRMPAK EVTINVTDSI QQMDRSRRIT KNCVN

GENE INFORMATION

Gene Name	BAALC brain and acute leukemia, cytoplasmic [Homo sapiens]
Official Symbol	BAALC
Synonyms	BAALC; brain and acute leukemia, cytoplasmic; brain and acute leukemia cytoplasmic protein;
Gene ID	79870
mRNA Refseq	NM_001024372
Protein Refseq	NP_001019543
MIM	606602

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Uniprot ID	Q8WXS3
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Chromosome Location	8q22.3
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