9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

BAALC Human

Brain and Acute Leukemia Cytoplasmatic Human Recombinant
RCP0162

Product Overview

Name	BAALC Human
Description	
Brain and Acute Leukemia Cytoplasmatic Human Recombinant	
Accession (Primary)	Q8WXS3
Synonyms	
Brain and acute leukemia cytoplasmic protein, FLJ12015, BAALC.	
Introduction	
BAALC gene is found in patients with acute myeloid leukemia and is conserved among mammals and is not found in lower organisms. Tissues which express BAALC develop from the neuroectoderm. BAALC is located both in the membrane and in the cytoplasma, it exists as multiple alternatively spliced isoform. BAALC is expressed by hematopoetic and neural cells, BAALC interacts with CaMKII? and is involved in synaptic function at postsynaptic lipid rafts. Overexpression of BAALC concomitant forecast adverse clinical outcome and defines a significant risk factor in cytogenetically normal acute myeloid leukemia (AML).	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The protein solution contains 20mM Tris buffer pH-8, 1mM DTT, 20% glycerol and 2mM EDTA.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGCGGSRADA IEPRYYESWT RETESTWLTY TDSDAPPSAA APDSGPEAGG LHSGMLEDGL PSNGVPRSTA PGGIPNPEKK TNCETQCPNP QSLSSGPLTQ KQNGLQTTEA KRDAKRMPAK EVTINVTDSI QQMDRSRRIT KNCVN.	

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Precautions

BAALC Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8WXS3)