

Recombinant Human BAIAP2 protein, DDK-tagged

Cat. No. BAIAP2-187H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BAIAP2, transcript variant 1, fused with DDK tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	The protein encoded by this gene has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This adaptor protein links membrane bound G-proteins to cytoplasmic effector proteins. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. It also associates with a downstream effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis. This protein is involved in lamellipodia and filopodia formation in motile cells and may affect neuronal growth-cone guidance. This protein has also been identified as interacting with the dentatorubral-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	57.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Storage

Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

Concentration

>50 ug/mL as determined by microplate BCA method

GENE INFORMATION
Gene Name

BAIAP2 BAI1-associated protein 2 [Homo sapiens]

Official Symbol

BAIAP2

Synonyms

BAIAP2; BAI1-associated protein 2; brain-specific angiogenesis inhibitor 1-associated protein 2; BAP2; IRS-58; IRSp53/58; fas ligand-associated factor 3; insulin receptor substrate p53/p58; insulin receptor substrate protein of 53 kDa; FLAF3; IRSP53;

Gene ID

10458

mRNA Refseq

NM_017450

Protein Refseq

NP_059344

MIM

605475

UniProt ID

Q9UQB8

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