

Recombinant Human BAIAP2

Catalog No: #GP10540



Package Size: #GP10540-1 100ug

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Description

Product Name	Recombinant Human BAIAP2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-179 amino acids of human BAI1-associated protein 2
Target Name	BAI1-associated protein 2
Other Names	BAP2, FLAF3, IRSP53
Accession No.	Swissprot:Q9UQB8Gene Accession:BC014020
Uniprot	Q9UQB8
GeneID	10458;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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