

BAIAP2 抗原（重组蛋白）

中文名称：BAIAP2 抗原（重组蛋白）

英文名称：BAIAP2 Antigen (Recombinant Protein)

别名：BAP2, FLAF3, IRSP53

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1-179 amino acids of human BAIAP2

技术规格

Full name:	BAI1-associated protein 2
Synonyms:	BAP2, FLAF3, IRSP53
Swissprot:	Q9UQB8
Gene Accession:	BC014020
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.

h-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