

BAIAP2L1 抗原（重组蛋白）

中文名称： BAIAP2L1 抗原（重组蛋白）

英文名称： BAIAP2L1 Antigen (Recombinant Protein)

别名： BAI1 associated protein 2 like 1; IRTKS

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 312-511 amino acids of human BAIAP2L1

技术规格

Full name:	BAI1 associated protein 2 like 1
Synonyms:	IRTKS
Swissprot:	Q9UHR4
Gene Accession:	BC013888
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the IMD (IRSp53/MIM homology domain) family. Members of this family can be subdivided into two groups, the IRSp53-like and MIM-like, based on the presence or absence of the SH3 (Src homology 3) domain. The protein encoded by this gene contains a conserved IMD, also known as F-actin bundling domain, at the N-terminus, and a canonical SH3 domain near the C-terminus, so it belongs to the IRSp53-like group. This protein is the substrate for insulin receptor tyrosine kinase and binds to the small GTPase Rac. It is involved in signal transduction pathways that link deformation of the

plasma membrane and remodeling of the actin cytoskeleton. It also promotes actin assembly and membrane protrusions when overexpressed in mammalian cells, and is essential to the formation of a potent actin assembly complex during EHEC (Enterohemorrhagic *Escherichia coli*) pedestal formation.