

## Product datasheet for TP302617L

### BAIAP2L1 (NM\_018842) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human BAI1-associated protein 2-like 1 (BAIAP2L1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202617 protein sequence Red=Cloning site Green=Tags(s)

MSRGPEEVNRLTESTYRNVMEQFNPLRNLIINLGKNYEKAVNAMILAGKAYYDGVAKIGEIATGSPVSTE  
LGHVLIIEISSTHKKLNESLDENFKKFHKEIHELEKKIELDVKYMNATLKRYQTEHKNKLESLEKSQAE  
KKIRRKSSQGSRNALKYEHKEIEYVETVTSRQSEIQKFIADGCKEALLEEKRRFCFLVDKHCGFANHHIHY  
HLQSAELLNSKLPRWQETCVDAIKVPEKIMNMIEEIKTPASTPVSGTPQASPMIERSNVVRKDYDTLSKC  
SPKMPPAPSGRAYTSPLIDMFNNPATAAPNSQRVNNSTGTSEDPSLQRSVSVATGLNMMKKQKVKTIFFH  
TAGSNKTLLSFAQGDVITLLIPEEKDGWLYGEHDVSKARGWFPSSYTKLLEENETEAVTVPTSPPTPVRS  
ISTVNLSSENSVWIPPPDYCLECLSMGAAADRRADSARTTSTFKAPASKPETAAPNDANGTAKPPFLSGEN  
PFATVKLRPTVTNDRSAPIIR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_061330](#)

Locus ID: 55971

UniProt ID: [Q9UHR4](#)

RefSeq Size: 3682

Cytogenetics: 7q21.3-q22.1

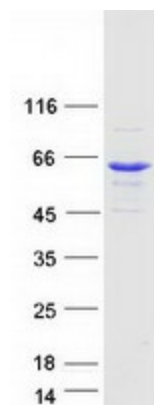
RefSeq ORF: 1533

Synonyms: IRTKS

**Summary:** This gene encodes a member of the IMD (IRSp53/MIM homology domain) family. Members of this family can be subdivided in 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. [provided by RefSeq, Oct 2009]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified BAIAP2L1 protein (Cat# [TP302617]). The protein was produced from HEK293T cells transfected with BAIAP2L1 cDNA clone (Cat# [RC202617]) using MegaTran 2.0 (Cat# [TT210002]).