

Product datasheet for **SC216874**

BAIAP2L1 (NM_018842) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BAIAP2L1 (NM_018842) Human 3' UTR Clone
Symbol:	BAIAP2L1
Synonyms:	IRTKS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018842
Insert Size:	1901 bp



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Insert Sequence: >SC216874 3'UTR clone of NM_018842
 The sequence shown below is from the reference sequence of NM_018842. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATGATCGCTCGGCACCCATCATTTCGATGAGAGGACAGCCAAGGACTCTCCGGGCTCTCCGGTTCTC
CCTTGCGGAATGATGGGCGCATCCTGTCTGCCACGTGCTGACGGTCGGGAAGCTTCAGTGGAGAGCCCT
AACTCTAATGTCGCTGCTTAAGCAAATCATGCTTCTCTGTTTACGTAGTTGGGTTGACAAGTTTCTG
CCTTTAAGATAAATGAGTAATAGTCTAATGACCAGCTCAGCCATTTAAAAATTTTTCTTCTATTCTGT
TCAAGAAACAGTAAACTTGGTTTCAATCTTTACTGTATTTTTTAAATGAATTTTTCTTAATAACAGC
CAGAATAAGGGATAGTCTATGCTTTCAGGACTGGCTTCTGCACCTGATGAATGAGACCAGTTTTAT
TTTATAAAGCATGTGCTCTTAATAGCATTATGTCTAAAGAAGATACACGTAAGTTTGCATCTTAGCAT
GCAAATCATAATTTAAGCAATATAAATTAAGAAAATACTATATAAATGAATTTAACTTAAAAATGTTT
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AAGACGCTTTGCCTGCCCTTATCACAGCCACACGTAGCACTCGACGAAATCTCCTCCGAGAGCTCCTTT
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GAGTCACGGCTCCTTGTGTTCTCACTCAGCTAGTTGGCCAAAGCTGCATCCATTACCAGTACACTCAA
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GCAGTGTACCATCTGCTTCTCCTGGGAGGACAAACCAGGCACCCCCACCATGAAGGGGCTGCAGGCAC
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ACAAGCCCATGGCCGTGTTCCCACTTACGCCACAGGGCTCAGGGAGCCCATCTGGCGCTAAGGGGA
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GGTGAAGAATAGGACCTGGGGGTCTCGGATGCAACCTGCAGACCCCGTGGCTCACCCAACCCAGGTT
CTGCCTCCAGACCAGAACGGGCATGGCCTGGTCTTGGCACCGAGGTGCCTGCTGTAAATATCAAG
GGATTACAACCTTAATAATAAAGCAGAACTTAAAAACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_018842.5](#)

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]

Locus ID:

55971

MW:

69