

BAIAP2, Human recombinant**Brain-specific angiogenesis inhibitor 1-associated protein 2, BAI1-associated protein 2, Protein BAP****Catalog # PBV11507r****Specification**

BAIAP2, Human recombinant - Product info

Primary Accession

[O9UOB8](#)

Calculated MW

58.4 kDa KDa**BAIAP2, Human recombinant - Additional Info**

Gene ID

10458**Other Names**

Brain-specific angiogenesis inhibitor 1-associated protein 2, BAI1-associated protein 2, Protein BAP2, Fas ligand-associated factor 3, Insulin receptor substrate p53/p58, Insulin receptor substrate protein of 53kDa, FLAF3, IRS-58, IRSp53/58, IRSP53.

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE;> 95%

Recombinant

Yes**Target/Specificity****BAIAP2****Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex.

Format

Liquid

Storage

-80°C;In 20mM Tris-HCl buffer (pH 8.0), 0.1 M NaCl, 1mM DTT and 30% glycerol.

BAIAP2, Human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BAIAP2, Human recombinant - Images

BAIAP2, Human recombinant - Background

BAIAP2 is a ubiquitous regulator of the actin cytoskeleton. Controlled by the Rho-family GTPases BAIAP2 facilitates filopodia development. BAIAP2 is expressed in the cytoplasm and binds small membrane-bound G-proteins to cytoplasmic effector proteins and operates as an insulin receptor tyrosine kinase substrate. BAIAP2 proposes a part for insulin in the central nervous system and was identified as interacting with the dentatorubral pallidoluysian atrophy gene, which is related to an autosomal dominant neurodegenerative disease.