

## 32-3290: BAIAP2 Recombinant Protein

### Alternative Name :

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.

### Description

Source : E.coli. BAIAP2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 530 amino acids (1-522) and having a molecular mass of 58.4kDa.BAIAP2 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 20 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

**Content :** The BAIAP2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 30% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid :** MSLSRSEEMH RLTENVYKTI MEQFNPSLRN FIAMGKNYEK ALAGVTYAAK GYFDALVKMG ELASESQGSK ELGDVLFQMA EVHRQIQNQL EEMLKSFHNE LLTQLEQKVE LDSRYLSAAL KKYQTEQRSK GDALDKCQAE LKKLRKKSQG SKNPQKYSKD ELQYIDAISN KQGELENYVS DGYKTALTEE RRRFCFLVEK QCAVAKNSAA YHSGKELLA QKLPLWQQAC ADPSKIPERA VQLMQQVASN GATLPSALSA SKSNLVISDP IPGAKPLPVP PELAPFVGRM SAQESTPIMN GVTGPDGEDY SPWADRKAAQ PKSLSPQSQ SKLSDSYSNT LPVRKSVTPK NSYATTAENK TLPSSMAA GLERNRMRV KAIFSHAAGD NSTLLSFKEG DLITLLVPEA RDGWHYGESE KTKMRGWFPF SYTRVLDSGD SDRLHMSLQQ GKSSSTGNLL DKDDLAIPPP DYGAASRAFP AQTASGFKQR PYSVAVPAFS QGLDDYGARS MSSGSGTLVS TVVEHHHHH

