

Product datasheet

Recombinant Human BAIAP2 protein ab119452

1 图像

概述

产品名称	Recombinant人BAIAP2 protein
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli
氨基酸序列	
Accession	Q9UQB8
种属	Human
序列	<pre> MSLSRSEEMH RLTENYKTI MEQFNPSLRN FIAMGKNYEK ALAGVTYAAK GYFDALVKMG ELASESQGSK ELGDVLFQMA EVHRQIQNQL EEMLKSFHNE LLTQLEQKVE LDSRYLSAAL KKYQTEQRSK GDALDKQAE LKKLRKKSQG SKNPQKYSK ELQYIDAI SN KQGELENYVS DGYKTALTEE RRRFCFLVEK QCAVAKNSAA YHSGKELLA QKLPLWQQAC ADPSKIPERA VQLMQQVASN GATLPSALSA SKSNLVISDP IPGAKPLPVP PELAPFVGRM SAQESTPIMN GVTGPDGEDY SPWADRKAAQ PKSLSPPQSQ SKLSDSYSNT LPVRKSVTPK NSYATTAENK TLPRSSMAA GLERNRMRV KAIFSHAAGD NSTLLSFKEG DLITLLVPEA RDGWHYGESE KTKMRGWFPF SYTRVLDSG SDRLHMSLQQ GKSSSTGNLL DKDDLAIPPP DYGAASRAFP AQTASGFKQR PYSVAVPAFS QGLDDYGARS MSSGSGTLVS TVVEHHHHHH </pre>
分子量	58 kDa including tags
氨基酸	1 to 522
标签	His tag C-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab119452** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
纯度	> 90 % SDS-PAGE. ab119452 was purified using conventional chromatography techniques.
形式	Liquid

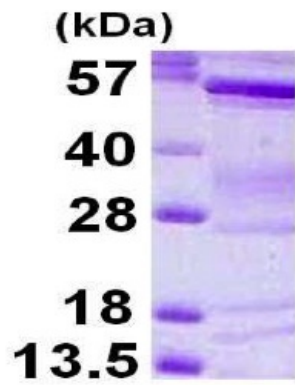
制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 30% Glycerol, 0.32% Tris HCl, 0.02% DTT, 0.58% Sodium chloride
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常规信息

功能	Adapter protein that links membrane-bound small G-proteins to cytoplasmic effector proteins. Necessary for CDC42-mediated reorganization of the actin cytoskeleton and for RAC1-mediated membrane ruffling. Involved in the regulation of the actin cytoskeleton by WASF family members and the Arp2/3 complex. Plays a role in neurite growth. Acts synergetically with ENAH to promote filipodia formation.
组织特异性	Isoform 1 and isoform 4 are expressed almost exclusively in brain. Isoform 4 is barely detectable in placenta, prostate and testis. A short isoform is ubiquitous, with the highest expression in liver, prostate, testis and placenta.
序列相似性	Contains 1 IMD (IRSp53/MIM homology) domain. Contains 1 SH3 domain.
结构域	The IMD domain forms a coiled coil. The isolated domain can induce actin bundling and filopodia formation. In the absence of G-proteins intramolecular interaction between the IMD and the SH3 domain gives rise to an auto-inhibited state of the protein. Interaction of the IMD with RAC1 or CDC42 leads to activation. The SH3 domain interacts with ATN1, BAI1, WASF1, WASF2, SHANK1, DIAPH1 and ENAH.
翻译后修饰	Phosphorylated on tyrosine residues by INSR in response to insulin treatment.
细胞定位	Cytoplasm. Membrane. Cell projection > filopodium. Cell projection > ruffle. Detected throughout the cytoplasm in the absence of specific binding partners. Detected in filopodia and close to membrane ruffles.

Recombinant Human BAIAP2 protein 图像



15% SDS-PAGE showing ab119452 at approximately 58.4kDa (3 μ g).

SDS-PAGE - BAIAP2 protein (ab119452)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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