

Product datasheet for TP524060

Baiap2 (NM_001037755) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse brain-specific angiogenesis inhibitor 1-associated protein 2 (Baiap2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224060 representing NM_001037755 Red=Cloning site Green=Tags(s)

MLSLRSEEMHRLTENVYKTIMEQFNPSLRNFIAMGKNYEKALAGVTFAAKGYFDALVKMGELASESQGSK
ELGDVLFQMAEVHRQIQNQLEETLKSFHNEELLTQLEQKVELDSRYLSAALKKYQTEQRSKGDALDKCQAE
LKKLRKKSQGSKNPQKYSDELQYIDAISNKQGELENYVSDGYKTALTEERRRFLVEKQCAVAKNSAA
YHSGKELLAQKLPLWQQACADPNKIPDRAVQLMQQMANSNGSILPSALSASKSNLVISDPIPGAKPLPV
PPELAPFVGRMSAQENVPVMNGVAGPDESDYNPWADRKAAQPKSLSPQSQSKLSDSYSNTLPVRKSVTP
KNSYATTENKTLPRSSSMAAGLERNGRMRVKAIFSHAAGDNSTLLSFKEGDLITLLVPEARDGWHYGESE
KTKMRGWFPFSYTRVLDSDGSDRLHMSLQQGKSSTGNLLDKDDLALPPPDTGTSSRAFPTQTAGTFKQR
PYSVAVPAFSQGLDDYGARSVSRNPFANVHLKPTVTNDRSAPLLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	59.7 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001032844



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Locus ID: 108100

UniProt ID: [Q8BKX1](#), [Q3UKP6](#)

RefSeq Size: 2083

Cytogenetics: 11 E2

RefSeq ORF: 1605

Synonyms: IRSp53; R75030

Summary: 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. Plays a role in the reorganization of the actin cytoskeleton in response to bacterial infection. Participates in actin bundling when associated with EPS8, promoting filopodial protrusions.[UniProtKB/Swiss-Prot Function]