



Recombinant Mouse SH2B adapter protein 2 (Sh2b2)

Product Code	CSB-BP888308MO
Abbreviation	Sh2b2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9JID9
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MNGATPSSAA APAPVPDWRQ FCELHAQVAA VDFAHKFCRF LRDNPTYDTP DAGTSFSRHF AANFLAVFSE EVRRVLGSAA DTMEPEPAVT SVTSALKTAT YGHSRSEEDV SAHAATKARV RKGFSLRNMS LCVVDGVRDL WHRRSSPEPD GGATPKAAEP ASEPRDKWTR RLRLARTLAA KVELVDIQRE GALRFMVADD AASGPGGTAQ WQKCRLLLR AVAGERFRLE FFVPPKASRP KVSIPLSAII EVRTTMPLEK PEKDNTFVLK VENGAEYILE TIDSLQKHSW VADIQGCVDP GDSEEDTGLS CARGGCLASR VASCSCCELLT DADMPPPET TTAVGAVVTA PHGRARDTVG ESLAHVPLET FLQTLESSGG VSENNNPGDE GAELDTDAEA ELELSDYPWF HGTLSRVKAA QLVLAGGPRS HGLFVIRQSE TRPGECVLTF NFQGKAKHLR LSLNGHGQCH VQHLWFQSVF DMLRHFHTHP IPLESGGSAD ITLRSYVRAQ GPPDPGPAP NTAAPVPACW TEPAGQHYFS SLATATCPPA SPSNGAGASS SSGSSSSATS LPPRPAEGPL SAHSRSNSTE HLLDAASGAT EEPTEATLGR ARAVENQYSF Y
Source	Baculovirus
Target Names	Sh2b2
Protein Names	Recommended name: SH2B adapter protein 2 Alternative name(s): Adapter protein with pleckstrin homology and Src homology 2 domains SH2 and PH domain-containing adapter protein APS
Expression Region	1-621
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is expressed in B lymphocytes and contains pleckstrin homology and src homology 2 (SH2) domains. In Burkitt s lymphoma cell lines, it is tyrosine-phosphorylated in response to B cell receptor stimulation. Because it binds Shc independent of stimulation and Grb2 after stimulation, it appears to



play a role in signal transduction from the receptor to the Shc/Grb2 pathway.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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