



# Recombinant Rat SH2B adapter protein 1 (Sh2b1)

<b>Product Code</b>	CSB-MP714042RA
<b>Abbreviation</b>	Sh2b1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q62985
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNGAPSPEDG VFPSPPALPP PPPPSWQEFC ESHARAAALD LARRFRLYLA SHPQYAEPGA EAAFSGRFAE LFLQHFEAEV ARASGSLSPV VLAPLSPGVE IPPSHDLSLE SCRVGGLAV LGPSRSED LAGPLPSSVSS STTSSKPKLK KRFSLRVGR SVRGSVRGIL QWRGAVESPS QAGPLETTSG PPVLGGNSNS NSSGGAGTVG RALANDGTSP GERWTHRFRER LRLSRGGGTL RDGAGVIQRE ELLSFMGAE E AAPDPAGVGR GGGGAAGLTSG GGGQPQWQKC RLLLRSEGE GGGSRLEFFV PPKASRPRLS IPCSTITDVR TATALEMPDR ENTFVVKVEG PSEYILETTD ALHVKAWSVD IQECLSPGPC PAISPRPMTL PLAPGTSFLT KDNTESLELP CLNHSESLPS QDLLLGPSES NDRLSQGAYG GLSDRPSASF SPSSASIAAS HFDSMELLPP ELPPRIPIEE GPPAGTVHPL STPYPLDTP EAATGSFLFQ GEAEAGGEDQ PLSGYPWFHG ML SRLKAAQL VLEGGTSSHG VFLVRQSETR RGEYVLTFFN QGKAKHLRLS LNEEGQCRVQ HLWFQSIFDM LEHFRVHPIP LESGGSSDVV LVSYPVSRQ QERSTSRDPT QPSEPPPWTD PPHPGAE EAS GAPEVAAATA AAKERQEKE KAGGGGVQEE LVPMAELVPM AELEEIAPG TEAQGGAGSS GDLEVSLMVQ LQQLPLGGNG EEGGHPRAIN NQYSFV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Sh2b1
<b>Protein Names</b>	Recommended name: SH2B adapter protein 1 Alternative name(s): FceRI gamma-chain-interacting protein SH2-B SH2 domain-containing protein 1B SH2-B PH domain-containing signaling mediator 1
<b>Expression Region</b>	1-756
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a member of the SH2-domain containing mediators family. The encoded protein mediates activation of various kinases and may function in cytokine and growth factor receptor signaling and cellular transformation.



Alternatively spliced transcript variants have been described.

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**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.

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**Shelf Life**

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