



# Recombinant Human SH2B adapter protein 1 (SH2B1)

<b>Product Code</b>	CSB-MP868300HU
<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>	Q9NRF2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNGAPSPEDG ASPSSPPLPP PPPPSWREFC ESHARAAALD FARRFRLYLA SHPQYAGPGA EAAFSRRFAE LFLQHFEAEV ARASGSLSP ILAPLSPGAE ISPHDLSLES CRVGGPLAVL GPSRSEDLA GPLSSVSSS STTSSKPKLK KRFSLRVGR SVRGSVRGIL QWRGTVDPPS SAGPLETSSG PPVLGGNSNS NSSGGAGTVG RGLVSDGTSP GERWTHRFRER LRLSRGGGAL KDGAGMVQRE ELLSFMGAEE AAPDPAGVGR GGGVAGPPSG GGGQPQWQKC RLLLRSEGEG GGGSRLEFFV PPKASRPRLS IPCSSITDVR TTTALEMPDR ENTFVVKVEG PSEYIMETVD AQHVKAWSVD IQECLSPGPC PATSPRPMTL PLAPGTSFLT RENTDSLELS CLNHSESLPS QDLLLGPSES NDRLSQGAYG GLSDRPSASI SPSSASIAAS HFDSMELLPP ELPPRIPIE GPPTGTVHPL SAPYPLDTP ETATGSFLFQ GEPEGGEGDQ PLSGYPWVHG ML SRLKAAQL VLTGGTGSYG VFLVRQSETR RGEYVLTFFN QGKAKHLRLS LNEEGQCRVQ HLWFQSFDM LEHFRVHPIP LESGGSSDVV LVSYPSSQR QQEPTTSHDP PQPPEPPSWT DPPQPGAEAA SRAPEVAAAA AAAAKERQEK EKAGGGGVPE ELVPVVELVP VVELEEAIAP GSEAQGAGSG GDAGVPPMVQ LQQSPLGGDG 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): Pro-rich, PH and SH2 domain-containing signaling mediator Short name= PSM SH2 domain-containing protein 1B
<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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