



Recombinant Human SH2B adapter protein 1 (SH2B1)

Product Code	CSB-EP868300HU
Abbreviation	SH2B1
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.	Q9NRF2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNGAPSPEDG ASPSSPPLPP PPPPSWREFC ESHARAAALD FARRFRLYLA SHPQYAGPGA EAAFSRRFAE LFLQHFEAEV ARASGSLSP ILAPLSPGAE ISPHDLSLES CRVGGPLAVL GPSRSEDLA GPLSSVSSS STTSSKPKLK KRFSLRVGR SVRGSVRGIL QWRGTVDPPS SAGPLETSSG PPVLGGNSNS NSSGGAGTVG RGLVSDGTSP GERWTHRFR LRLSRGGGAL KDGAGMVQRE ELLSFMGAEE AAPDPAGVGR GGGVAGPPSG GGGQPQWQKC RLLLRSEGEG GGGSRLEFFV PPKASRPRLS IPCSSITDVR TTTALEMPDR ENTFVVKVEG PSEYIMETVD AQHVKAWSV 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
Source	E.coli
Target Names	SH2B1
Protein Names	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
Expression Region	1-756
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 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.

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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