



Recombinant Human SH2B adapter protein 2 (SH2B2)

Product Code	CSB-MP021207HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14492
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MNGAGPGPAA AAPVPVPVPV PDWRQFCEFH AQAAAVDFAH KFCRFLRDNP AYDTPDAGAS FSRHFAANFL DVFGEVRRV LVAGPTTRGA AVSAEAMEPE LADTSALKAA PYGHSRSED VSTHAATKAR VRKGFSLRNM SLCVVDGVRD MWHRRASPEP DAAAAPRTAE PRDKWTRRLR LSRTLAAKVE LVDIQREGAL RFMVADDDAA GSGGSAQWQK CRLLRRAVA EERFRLEFFV PPKASRPKVS IPLSAIIEVR TTMPLEMEK DNTFVLKVEN GAHEYLETID SLQKHSWVAD IQGCVDPGDS EEDTELSCTR GGCLASRVAS CSCCELLTDAV DLPRPPETTA VGAVVTAPHS RGRDAVRESL IHVPLETFLQ TLESPGGSGS DSNNTGEQGA ETDPEAEPEL ELSDYPWFHG TLRVKAQQL VLAGGPRNHG LFVIRQSETR PGEYVLTFFN QGKAKHLRLS LNGHGQCHVQ HLWFQSVLDM LRHFHTHIP LESGGSADIT LRSYVRAQDP PPEPGTPPA APASPACWSD SPGQHYFSSL AAAACPPASP SDAAGASSSS ASSSSAASGP APPRPVEGQL SARSRSNSAE RLLEAVAATA AEEPPEAAPG RARAVENQYS FY
Source	Mammalian cell
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	1-632
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

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.