



# Recombinant Human SH3 domain-binding protein 2 (SH3BP2)

<b>Product Code</b>	CSB-EP021224HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P78314
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAAEEMHWPV PMKAIGAQNL LTMPGGVAKA GYLHKKGGTQ LQLLKWPLRF VIIHKRCVYY FKSSTSASPQ GAFSLSGYNR VMRAAEETTS NNVFPFKIIH ISKKHRTWFF SASSEERKS WMALLRREIG HFHEKKDLPL DTSDSSSDTD SFYGAVERPV DISLSPYPTD NEDYEHDDDED DSYLEPDSPE PGRLEDALMH PPAYPPPPVP TPRKPAFSDM PRAHSFTSKG PGPLLPPPPP KHGLPDVGLA AEDSKRDPLC PRRAEPCPRV PATPRRMSDP PLSTMPTAPG LRKPPCFRES ASPSEPWTP GHGACSTSSA AIMATATSRN CDKLSFHLS PRGPPTSEPP PVPANKPKFL KIAEEDPPRE AAMPGLFVPP VAPRPPALKL PVPEAMARPA VLPRPEKPQL PHLQRSPPDG QSFRSFSFEK PRQPSQADTG GDDSEDEYEK VPLPNSVFN TTESCEVERL FKATSPRGEP QDGLYCIRNS STKSGKVLVV WDETSNKVRN YRIFEKDSKF YLEGEVLFVS VGSMVEHYHT HVLPSHQSL LRHPYGYTGP R
<b>Source</b>	E.coli
<b>Target Names</b>	SH3BP2
<b>Protein Names</b>	Recommended name: SH3 domain-binding protein 2 Short name= 3BP-2
<b>Expression Region</b>	1-561
<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 protein has an N-terminal pleckstrin homology (PH) domain, an SH3-binding proline-rich region, and a C-terminal SH2 domain. The protein binds to the SH3 domains of several proteins including the ABL1 and SYK protein tyrosine kinases, and functions as a cytoplasmic adaptor protein to positively regulate transcriptional activity in T, natural killer (NK), and basophilic cells. Mutations in this gene result in cherubism. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	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.