



Recombinant Human Signal transducing adapter molecule 2 (STAM2)

Product Code	CSB-EP022793HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75886
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPLFTANPFE QDVEKATNEY NTTEDWSLIM DICDKVGSTP NGAKDCLKAI MKRVNHKVPV VALQALTLG ACVANCCKIF HLEVCSRDFV TEVRAVIKKNK AHPKVCEKLN SLMVEWSEEF QKDPQFSLIS ATIKSMKEEG ITFPPAGSQT VSAAAKNGTS SNKNKEDEDI AKAIELSLQE QKQQTETTKS LYPSSSEIQLN NKVARKVRL YDFEAVEDNE LTFKHGEIII VLDDSDANWW KGENHRGIGL FPSNFVTTNL NIETEA AAVD KLNVIDDDVE EIKKSEPEPV YIDEDKMDRA LQVLQSIDPT DSKPDSQDLL DLEDICQQMG PMIDEKLEEI DRKHSELSEL NVKVLLEALEL YNKLVNEAPV YSVYSKLHPP AHYPPASSGV PMQTYPVQSH GGNVMGQSIH QVTVAQSYSL GPDQIGPLRS LPPNVNSSVT AQAQTSYLS TGQDTVSNPT YMNQNSNLQS ATGTTAYTQQ MGMSVDMSSY QNTTSNLPQL AGFPVTVPAH PVAQQHTNYH QQPLL
Source	E.coli
Target Names	STAM2
Protein Names	Recommended name: Signal transducing adapter molecule 2 Short name= STAM-2 Alternative name(s): Hrs-binding protein
Expression Region	1-525
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 closely related to STAM, an adaptor protein involved in the downstream signaling of cytokine receptors, both of which contain a SH3 domain and the immunoreceptor tyrosine-based activation motif (ITAM). Similar to STAM, this protein acts downstream of JAK kinases, and is phosphorylated in response to cytokine stimulation. This protein and STAM thus are thought to exhibit compensatory effects on the signaling pathway downstream of JAK kinases upon cytokine stimulation.
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.