



Recombinant Rat STAM-binding protein (Stampb)

Product Code	CSB-EP848124RA
Abbreviation	Stampb
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.	Q8R424
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MSDHADVSLP PQDRVRILSQ LGSVELNED IPPRRYFRSG VEIIRMASIY SEEGNIEHAF ILYNKYITLF IEKLPKHRDY KSAIPEKKD AVKKLKNVAF PKAEELKTEL LKRYTKEYEQ YKERKKKEEE ELARNIAIQQ ELEKEKQRVA QQKQKQLEQE QFHAFKMIQ KQELEKERLK IVQEFGKVDP GPCGPLLPDL EKPCVDVAPS SPFSPTQTSN CNTTLRPAKP PVVDRSLKPG ALSVIENVPT IEGLRHIVVP RNLCSFLQL ASANTAKGIE TCGVLCGKLM RNEFTITHVL IPRQNGGPDY CHTENEEEIF FMQDDLGLLT LGWIHTHTPTQ TAFSSVDLH THCSYQMMLP ESIAIVCSPK FQETGFFKLT DYGLQEISTC RQKGFHPHGR DPPLFCDCSH VTVKDRIVTI TDLR
Source	E.coli
Target Names	Stampb
Protein Names	Recommended name: STAM-binding protein EC= 3.4.19.- Alternative name(s): Associated molecule with the SH3 domain of STAM
Expression Region	1-424
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	Cytokine-mediated signal transduction in the JAK-STAT cascade requires the involvement of adaptor molecules. One such signal-transducing adaptor molecule contains an SH3 domain that is required for induction of MYC and cell growth. This protein binds to the SH3 domain of the signal-transducing adaptor molecule, and plays a critical role in cytokine-mediated signaling for MYC induction and cell cycle progression. Multiple alternatively spliced transcript variants encoding the same protein isoform have been found for this gene.
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.