



# Recombinant Rat Signal transducing adapter molecule 2 (Stam2)

<b>Product Code</b>	CSB-EP736443RA
<b>Abbreviation</b>	Stam2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q5XHY7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPLFTANPFE QDVEKATNEY NTTEDWSLIM DICDRVGSTP NGAKDCLKAI MKRVNHKVPV VALQALTLG ACVANCCKIF HLEVCSRDFV TEVRAVIKKN AHPKVCEKLV SLMVEWSEEF QKDPQFSLIS ATIKAMKEEG VTFPSAGSQT VSAAAKNGAS LNKNKEDEDI AKAIELSLQE QKQQYPETKA LCPAESQLS NKVARRVRAL YDFEAVEDNE LTFKHGEIIT VLDDSDANWW EGENHRGAGL FPSSFVTTDL STEVEAATVD KSNVIDDDVE EIKKSEPEPV YIDEGKMDRA LQILQSIDPK DPKPDSQDLL DLEDICQQMG PMIDEKLEEI DRRHSELSEL NVKLVLEALEL YNKLVNEAPM YSVYSKLHPA PYSATAAGVP VQTYPVQSHG GNYLGHGIHQ VPVAQSYNLG PDPMGSSRSL PPNMNSVTAH TIQPPYLSTG QDAVSNPSYM TQSSHLQAAA GTAAYTPAMG VSADLSSFQS TASGLPQLAG FPVAVPVPPA PQQQASYHQQ PLL
<b>Source</b>	E.coli
<b>Target Names</b>	Stam2
<b>Protein Names</b>	Recommended name: Signal transducing adapter molecule 2 Short name= STAM-2
<b>Expression Region</b>	1-523
<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 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.



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**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.

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**Shelf Life**

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