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# STAP1 Human

*Signal Transducing Adaptor Family Member 1 Human Recombinant*
*RCP2257*

## Product Overview

| | |
|---|---|
| Name | STAP1 Human |
| **Description** | |
| Signal Transducing Adaptor Family Member 1 Human Recombinant | |
| Accession (Primary) | Q9ULZ2 |
| **Synonyms** | |
| Signal-transducing adaptor protein 1, STAP-1, BCR downstream-signaling protein 1, Docking protein BRDG1, Stem cell adaptor protein 1, STAP1, BRDG1. | |
| **Introduction** | |
| Signal-transducing adaptor protein 1 (STAP1) acts as a docking protein which operates downstream of Tec tyrosine kinase in B cell antigen receptor signaling. The STAP1 protein is directly phosphorylated by Tec in vitro where it partakes in a positive feedback loop, increasing Tec activity. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| STAP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl and 1mM DTT. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 95.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGSH MMAKKP PKPAPRRIFQ ERLKITALPL YFEGFLLIKR SGYREYEHYW TELRGTTLFF YTDKKSIIYV DKLDIVDLTC LTEQNSTEKN CAKFTLVLPK EEVQLKTENT ESGEEWRGFI LTVTELSVPQ NVSLLPGQVI KLHEVLEREK KRRIETEQST SVEKEKEPTE DYVDVLNPMP ACFYTVSRKE ATEMLQKNPS LGNMILRPGS DSRNYSITIR QEIDIPRIKH YKVMSVGQNY TIELEKPVTL PNLFSVIDYF VKETRGNLRP FICSTDENTG QEPSMEGRSE KLKKNPHIA. | |

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**Precautions**

STAP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

# Target Information: ( Q9ULZ2 )