

Signal Transducing Adaptor Family Member 1 Human Recombinant

Item Number	rAP-3794
Synonyms	Signal-transducing adaptor protein 1, STAP-1, BCR downstream-signaling protein 1, Docking protein BRDG1, Stem cell adaptor protein 1, STAP1, BRDG1.
Description	STAP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 319 amino acids (1-295 a.a) and having a molecular mass of 36.8kDa. STAP1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9ULZ2
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMMAKKP PKPAPRRIFQ ERLKITALPL YFEGFLLIKR SGYREYE-HYW TELRGTTLFF YTDKKSIIYV DKLDIVDLTC LTEQNSTEKN CAKFTLVLPK EEVQLKTENT ESGEWVRGFI LTVTELSVPQ NVSLLPGQVI KLHEVLEREK KRRLETEQST SVEKEKEPTE DYVDVLNPMP ACFYTVSRKE ATEMLQKNPS LGNMILRPGS DSRNYSITIR QEIDIPRIKH YKVMSVGQNY TIELEKPVTL PNLFSVIDYF VKETRGNLRP FICSTDENTG QEPSMEGRSE KLKKNPPIA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	STAP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**