

Cleavage Stimulation Factor 1 Human Recombinant

Item Number	rAP-3818
Synonyms	Cleavage stimulation factor subunit 1, CF-1 50 kDa subunit, Cleavage stimulation factor 50 kDa subunit, CSTF 50 kDa subunit, CstF-50, CSTF1, CstFp50.
Description	CSTF1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 439 amino acids (1-431 a.a) and having a molecular mass of 49.4kDa.CSTF1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q05048
Amino Acid Sequence	MYRTKVGLKD RQQLYKLIIS QLLYDGYISI ANGLINEIKP QSVCAPSEQL LHLIKLGMEN DDTAVQYAIG RSDTVAPGTG IDLEFDADVQ TMSPEASEYE TCYVTSHKGP CRVATYSRDG QLIATGSADA SIKILDTERM LAKSAMPIEV MMNETAQQNM ENHPVIRTLY DHVDEVTCCLA FHPTEQILAS GSRDYTLKLF DYSKPSAKRA FKYIQEAEML RSISFHPSGD FILVGTQHPT LRLYDINTFQ CFVSCNPQDQ HTDAICSVNY NSSANMYVTG SKDGCIKLWD GVSNRCITTF EKAHDGAEVC SAIFSKNSKY ILSSGKDSVA KLWEIST- GRT LVRYTGAGLS GRQVHRTQAV FNHTEDYVLL PDERTISLCC WDSRTAERRN LLSLGHNNIV RCIVH-
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	CSTF1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 2M urea. Greater than 90% 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**