



Recombinant *Schizosaccharomyces pombe* Eukaryotic peptide chain release factor subunit 1 (sup45)

Product Code	CSB-EP007840SXV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P79063
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSETAEKAIE IWKIRRLVKQ LINCHNGGTS MITLIIPPGE QISRYSNMLA EEYGTASNIK SRVNRLSVLS AITSTRERLK LYNKVPDNGL VIYCGEVIME GNKTRKLNID FEPFKPINTS QYLCDNKFHT EALAELESQD QRFQFIVMDG HQTLYGVVSG SAREVLQRFT VDLPKKHGRG GQSALRFARL RDEKRHNYVR KVAEGAVQHF ITDDKPNVAG IVLAGSADFK TELGQSDLFD QRLQSRIIKT VDVSYGGDAG FNQAIELAAD TLSNVKYVQE KKLQIRFFDE ISLDGKGYCF GVVDTMNALQ EGAVETLLCF ADLDMIRYEF KNSEGNPVIT YMTKEQEEKD STNSFLLDKD TGAEMELVSS MLLSEWLAEH YKDYGANLEF VSDRSQEGMQ FVKGFGGIGA VMRYQLDLSM LDPESEDEFYS DSD
Source	E.coli
Target Names	sup45
Protein Names	Recommended name: Eukaryotic peptide chain release factor subunit 1 Short name= Eukaryotic release factor 1 Short name= eRF1
Expression Region	1-433
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
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.