



Recombinant Human Splicing factor 3B subunit 4 (SF3B4)

Product Code	CSB-EP624024HU-B
Abbreviation	SF3B4
Storage	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.
Uniprot No.	Q15427
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AAGPISERN QDATVYVGGGL DEKVSEPLLW ELFLQAGPVV NTHMPKDRVT GQHQQYGFVE FLSEEDADYA IKIMNMIKLY GKPIRVNKAS AHNKNLDVGA NIFIGNLDPE IDEKLLYDTF SAFGVILQTP KIMRDPDTGN SKGYAFINFA SFDASDAAIE AMNGQYLCNR PITVSYAFKK DSKGERHGSA AERLLAAQNP LSQADRPQL FADAPPPSA PNPVVSSLGS GLPPPGMPPP GSFPPVPPP GALPPGIPPA MPPPPMPPGA AGHGPPSAGT PGAGHPGHGH SHPHPFPPGG MHPGMSQMQ LAHHGPHGLG HPHAGPPGSG GQPPPRPPPG MHPGPPPMG MPPRGPPFGS PMGHGPMPP HGMRGPPPLM PPHGYTGPPR PPPYGYQRGP LPPRPTPRP PVPPRGPLRG PLPQ
Source	E.coli
Target Names	SF3B4
Protein Names	Recommended name: Splicing factor 3B subunit 4 Alternative name(s): Pre-mRNA-splicing factor SF3b 49 kDa subunit SF3b50 Spliceosome-associated protein 49 Short name= SAP 49
Expression Region	2-424
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 of Mature Protein
Target Details	This gene encodes one of four subunits of the splicing factor 3B. This protein cross-links to a region in the pre-mRNA immediately upstream of the branchpoint sequence in pre-mRNA in the prespliceosomal complex A. It also may be involved in the assembly of the B, C and E spliceosomal complexes. In addition to RNA-binding activity, this protein interacts directly and highly specifically with subunit 2 of the splicing factor 3B. This protein contains two N-terminal RNA-recognition motifs (RRMs), consistent with the observation that it



binds directly to pre-mRNA.

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.