



# Recombinant Human Splicing factor 3B subunit 4 (SF3B4)

<b>Product Code</b>	CSB-EP624024HU
<b>Abbreviation</b>	SF3B4
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q15427
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AAGPISERN QDATVYVGGL DEKVSEPLLW ELFLQAGPVV NTHMPKDRVT GQHQQYGFVE FLSEEDADYA IKIMNMIKLY GKPIRVNKAS AHNKNLDVGA NIFIGNLDPE IDEKLLYDTF SAFGVILQTP KIMRDPDTGN SKGYAFINFA SFDASDAAIE AMNGQYLCNR PITVSYAFKK DSKGERHGSA AERLLAAQNP LSQADRP HQ L FADAPPPPSA PNPVVSSLGS GLPPPGMPPP GSFPPPVPPP GALPPGIPPA MPPPPMPPGA AGHGPPSAGT PGAGHPGHGH SHPHPFPPGG MHPHGMSQMQ LAHHGPHGLG HPHAGPPGSG GQPPPRPPPG MHPHGPPPMG MPPRGPPFGS PMGHGPMPP HGMRGPPPLM PPHGYTGPPR PPPYGYQRGP LPPRPTPRP VPPRGLRG PLPQ
<b>Source</b>	E.coli
<b>Target Names</b>	SF3B4
<b>Protein Names</b>	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
<b>Expression Region</b>	2-424
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.

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**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.

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**Shelf Life**

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