Splicing Factor 3B Subunit 1 (SF3B1) Recombinant Protein | SF3B1 recombinant protein

Recombinant Splicing Factor 3B Subunit 1 (SF3B1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA147175	**E. coli**	**Human**	**Western Blot, SDS-Page**

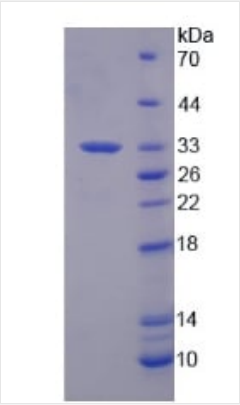
PRODUCT SYNONYMS

Splicing Factor 3B Subunit 1 (SF3B1); Recombinant Splicing Factor 3B Subunit 1 (SF3B1); PRP10; PRPF10; SAP155; SF3b155; Spliceosome-associated protein 155; Pre-mRNA-splicing factor SF3b 155 kDa subunit; SF3B1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Human
Purity/Purification	>93%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for SF3B1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu1038~Leu1304
Tags	N-terminal His-Tag
Tissue Specificity	Brain, Cervix Carcinoma, Liver
Subcellular Location	Nucleus, spliceosome
Traits	Freeze-dried powder
Predicted isoelectric point	7.2
Predicted Molecular Mass	34.1kDa
Accurate Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:**Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

Sequence

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                                    LVG RIADRGAEYV
SAREWMRICF ELLELLKAHK KAIRRATVNT FGYIAKAIGP HDVLATLLNN
LKVQERQNRV CTTVAIAIVA ETCSPFTVLP ALMNEYRVPE LNVQNGVLKS
LSFLFEYIGE MGKDYIYAVT PLLEDALMDR DLVHRQTASA VVQHMSLGVY
GFGCEDSLNH LLNYVWPNVF ETSPHVIQAV MGALEGLRVA IGPCRMLQYC
LQGLFHPARK VRDVYWKIYN SIYIGSQDAL IAHYPRIYND DKNTYIRYEL
DYIL
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ADDITIONAL INFORMATION

Product Categories/Family for SF3B1 recombinant protein	Recombinant Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112117
NCBI GeneID	23451
NCBI Accession #	NP_036565.2
NCBI GenBank Nucleotide #	NM_012433.3
UniProt Accession #	O75533; E9PCH3
NCBI Official Full Name	splicing factor 3B subunit 1 isoform 1
NCBI Official Synonym Full Names	splicing factor 3b subunit 1
NCBI Official Symbol	SF3B1
NCBI Official Synonym Symbols	MDS; PRP10; Hsh155; PRPF10; SAP155; SF3b155
NCBI Protein Information	splicing factor 3B subunit 1
UniProt Protein Name	Splicing factor 3B subunit 1
UniProt Gene Name	**SF3B1**
UniProt Synonym Gene Names	SAP155; SF3b155; SAP 155

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/sf3b1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/147175