

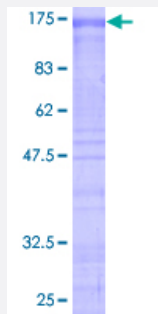
Full-Length

SF3B2 (Human) Recombinant Protein (P01)

Catalog # H00010992-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SF3B2 full-length ORF (AAH07610, 1 a.a. - 636 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDDPSVGPKIPQALEKILQLKESRQEEMNSQQEEEEEMETDARSSLGQSASETEEDTVSVSKKEK
NRKRRNRKKKKKPKQVRGVSSSESSGDREKIDSTRSRGSDSPAADVEIEYVTEEPENYEPNFIFFKRI
FEAFKLTDDVKKEKEKEPEKLDKLENSAAPKKKGFEIEHKDSDDDSSDDEQEKKPEAPKLSKK
KLRRMNRFVLAELKQLVARPDVEMHDVTAQDPKLLVHLKATRNSVPVPRHWCFCRKYLGQR
GIEKPPFELPDFIKRTGIQEMREALQEKEEQKTMKSKMREKVRPKMGKIDIDYQKLHDAFFKWQTK
PKLTIHGDLYEGKEFETRLKEKKPGDLSDELRLSLGMPVGNNAHKVPPPWLIAHQRYGPPPSYP
NLKIPGLNSPIPESCSFGYHAGGWGKPPVDETGKPLYGDVFGTNAAEFQTKTEEEEIDRTPWGEL
EPSDEESSEEEEEESDEDKPDETGFITPADSLITPGGFSSVPAGMETPELIELRKKKIEEAMD
GSETPQLFTVLPEKRTATVGGAMMGSTHYDMSTVMSRKGPAPELQGVEVALAPEELELDPMAM
TQKYEEHVREQQAQVEKEDFSDMVAEHAQKQKQKRKAQPQDSRGGSKKYKEFKF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

95.48

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SF3B2

Entrez GeneID	10992
GeneBank Accession#	BC007610
Protein Accession#	AAH07610
Gene Name	SF3B2
Gene Alias	SAP145, SF3B145, SF3b1, SF3b150
Gene Description	splicing factor 3b, subunit 2, 145kDa
Omim ID	605591
Gene Ontology	Hyperlink

Gene Summary	This gene encodes subunit 2 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence-independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. Subunit 2 associates with pre-mRNA upstream of the branch site at the anchoring site. Subunit 2 also interacts directly with subunit 4 of the splicing factor 3b complex. Subunit 2 is a highly hydrophilic protein with a proline-rich N-terminus and a glutamate-rich stretch in the C-terminus. [provided by RefSeq]
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Other Designations

pre-mRNA splicing factor SF3b 145 kDa subunit|spliceosome associated protein 145|splicing factor 3B subunit 2
