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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SF3A1 (Human) Recombinant Protein (P01)

Catalog Number: H00010291-P01

Regulation Status: For research use only (RUO)

Product Description: Human SF3A1 full-length ORF (CAK54605.1, 1 a.a. - 793 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPAGPVQAVPPPPPVPTEPKQPTTEEEASSKEDSAPSK
PVVGIIPPPEVRNIVDKTASFVARNGPEFEARIRQNEI
NNPKFNFLNPNDPYHAYYRHVKVSEFKEGKAQEPSAAI
PKVMQQQQTTQQQLPQKVQAQVIQETIVPKEPPEF
EFIADPPSISAFDLDVVKLTAQFVARNGRQFLTQLMQK
EQRNYQDFLRPQHSLFNYFTKLVEQYTKILIPPKGLFS
KLLKKEAENPREVLDQVCYRVEWAKFQERERKKEEEE
KEKERVAYAQIDWHDFVVVETVDFQPNEQGNFPPTT
PEELGARILIQERYEKFGESSEEVEMEVESEDEDDKQEK
AEEPPSQLDQDTQVQDMDEGSDDEEEGQKVPPPET
PMPPPLPPTPDQVIVRKDYDPKASKPLPPAPAPDEYLV
SPITGEKIPASKMQEHMRIGLLDPRWLEQRDRSIREKQ
SDDEVYAPGLDIESSLKQLAERRTDIFGVEETAIGKKIG
EEEIQKPEEKVTWDGHSGSMARTQAAAQANITLQEIQI
EAIHKAKGLVPEDDTKEKIGPSKPNEIPQQPPPPSSAT
NIPSSAPPITSVPRPPTMPPVVRTTVVSAVPVMPRPPM
ASVRLPPGSVIAPMPPIIHAPRINVVMPMPPSAPPIMAP
RPPPMIVPTAFVPAPPVAPVPAPAPMPPVHPPPPMED
EPTSKKLTEDSLMPEEEFLRRNKGPVSIKVQVPMNQ
DKTEWKLNGQVLVFTLPLTDQVSVIKVKIHEATGMPAG
KQKLQYEGIFIKDSNSLAYYNMANGAVIHLALKERGGR
KK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 113.63

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 10291

Gene Symbol: SF3A1

Gene Alias: PRP21, PRPF21, SAP114, SF3A120

Gene Summary: This gene encodes subunit 1 of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer includes subunits 1, 2 and 3 and is necessary for the in vitro conversion of 15S U2 snRNP into an active 17S particle that performs pre-mRNA splicing. Subunit 1 belongs to the SURP protein family; named for the SURP (also called SWAP or Suppressor-of-White-APricot) motifs that are thought to mediate RNA binding. Subunit 1 has tandemly repeated SURP motifs in its amino-terminal half while its carboxy-terminal half contains a proline-rich region and a ubiquitin-like domain. Binding studies with truncated subunit 1 derivatives demonstrated that the two SURP motifs are necessary for binding to subunit 3 while contacts with subunit 2 may occur through sequences carboxy-terminal to the SURP motifs. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]