

Recombinant Human SF3A1 protein, His-tagged

Cat. No. SF3A1-3708H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SF3A1 protein(443-793 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	443-793 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	DRSIREKQSDDEVYAPGLDIESSLKQLAERRTDIFGVEETAIGKKIGEEEEIQKPEEKVT WDGHSGSMARTQQAQANITLQEQIEAIHKAKGLVPEDDTKEKIGPSKPNEIPQQPP PPSSATNIPSSAPPITSVPRPPTMPPPVRTTVVSAVPVMPRPPMASVVRLPPGSVIAP MPPIIHAPRINVVPMPPSAPPIMAPRPPPMIVPTAFVPAPPVAPVPAPAPMPPVHPPP PMEDEPTSKKLKTEDSLMPEEEFLRRNKGVPVSIKVQVPNMQDKTEWKLNGQVLVFT LPLTDQVSVIKVKIHEATGMPAGKQKLQYEGIFIKDSNSLAYYNMANGAVIHLALKER GGRKK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name SF3A1 splicing factor 3a, subunit 1, 120kDa [Homo sapiens]

Official Symbol SF3A1

Synonyms SF3A1; splicing factor 3a, subunit 1, 120kDa; splicing factor 3a, subunit 1, 120kD; splicing factor 3A subunit 1; Prp21; PRPF21; SAP114; SF3a120; SAP 114; pre-mRNA processing 21; splicing factor 3 subunit 1; spliceosome associated protein 114; spliceosome-associated protein 114; pre-mRNA splicing factor SF3a (120 kDa subunit); PRP21; SF3A120;

Gene ID 10291

mRNA Refseq NM_001005409

Protein Refseq NP_001005409

MIM 605595

UniProt ID Q15459

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