9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SF3B14 Human

Splicing Factor 3B, 14 kDa Subunit Human Recombinant
RCP2068

Product Overview

Name	SF3B14 Human
Description	
Splicing Factor 3B, 14 kDa Subunit Human Recombinant	
Accession (Primary)	Q9Y3B4
Synonyms	
Pre-mRNA branch site protein p14, SF3b 14 kDa subunit, SF3B14, CGI-110, HSPC175, HT006, P14, SAP14, SF3B14a.	
Introduction	
SF3B14 is a 125 amino acid nuclear protein which is a component of the splicing factor 3b complex. Splicing factor 3b is involved with s with both the U2 and U11/U12 small nuclear ribonucleoprotein complexes (U2 snRNP) of spliceosomes. SF3B14 which is required for the splicing of pre-mRNA enters the spliceosome and connect with the pre-mRNA branch site facilitating the interaction of snRNP with the branch sites of U2 and U12 of the 17S U2 and the 18S U11/U12 snRNP complex.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SF3B14 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT, 1mM EDTA and 30% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAMQAAKRAN IRLPPEVNRI LYIRNLPYKI TAEEMYDIFG KYGPIRQIRV GNTPETRGTA YVVYEDIFDA KNACDHLSGF NVCNRYLVVL YYNANRAFQK MDTKKKEEQL KLLKEKYGIN TDPPK.	

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Precautions

SF3B14 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y3B4)