

Product datasheet

Recombinant Human SF3B14 protein ab103908

1 Image

Description

Product name	Recombinant Human SF3B14 protein
Purity	> 95 % SDS-PAGE. Purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
Expression system	Escherichia coli
Accession	Q9Y3B4
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MAMQAAKRAN IRLPPEVNRILYIRNLPYKI TAEEMYDIFG KYGPIRQIRV GNTPETRGTA YVYEDIFDA KNACDHLSGF NVCNRYLVVL YNANRAFQK MDTKKKKEEQL KLLKEKYGIN TDPPK
Predicted molecular weight	17 kDa including tags
Amino acids	1 to 125
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab103908** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.077% DTT, 0.316% Tris HCl, 0.0292% EDTA, 30% Glycerol (glycerin, glycerine), 1.16% Sodium chloride

General Info

Function

Necessary for the splicing of pre-mRNA. Directly contacts the pre-mRNA branch site adenosine for the first catalytic step of splicing. Enters the spliceosome and associates with the pre-mRNA branch site as part of the 17S U2 or, in the case of the minor spliceosome, as part of the 18S U11/U12 snRNP complex, and thus may facilitate the interaction of these snRNP with the branch sites of U2 and U12 respectively.

Sequence similarities

Contains 1 RRM (RNA recognition motif) domain.

Cellular localization

Nucleus.

Images



15% SDS-PAGE analysis of ab103908 (3 µg)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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