

Product datasheet for **AR09860PU-L**

SF3B14 / SAP14 (1-125, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SF3B14 / SAP14 (1-125, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAMQAAKRAN IRLPPEVNRI LYIRNLPHYKI TAEEMYDIFG KYGPIRQIRV GNPETRGTA YVYEDIFDA KNACDHLSGF NVCNRYLVVL YYNANRAFQK MDTKKKEEQL KLLKEKYGIN TDPK
Tag:	His-tag
Predicted MW:	16.7 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5 mM DTT, 1 mM EDTA, 30% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SF3B14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_057131</u>
Locus ID:	51639
UniProt ID:	<u>Q9Y3B4</u>
Cytogenetics:	2p23.3
Synonyms:	CGI-110; HSPC175; Ht006; P14; SAP14; SAP14a; SF3B14; SF3B14a



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Summary:

This gene encodes a 14 kDa protein subunit of the splicing factor 3b complex. Splicing factor 3b associates with both the U2 and U11/U12 small nuclear ribonucleoprotein complexes (U2 snRNP) of spliceosomes. This 14 kDa protein interacts directly with subunit 1 of the splicing factor 3b complex. This 14 kDa protein also interacts directly with the adenosine that carries out the first transesterification step of splicing at the pre-mRNA branch site. [provided by RefSeq, Jul 2008]

Protein Pathways:

Spliceosome

Product images: