

Recombinant Human SF3B3

Catalog No: #GP13376



Package Size: #GP13376-1 100ug

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Description

Product Name	Recombinant Human SF3B3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1008-1207 amino acids of human SF3B3
Target Name	splicing factor 3b subunit 3
Other Names	RSE1; SAP130; SF3b130; STAF130
Accession No.	Swissprot:Q15393Gene Accession:BC000463
Uniprot	Q15393
GeneID	23450;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes subunit 3 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. Subunit 3 has also been identified as a component of the STAGA (SPT3-TAF(II)31-GCN5L acetylase) transcription coactivator-HAT (histone acetyltransferase) complex, and the TFTC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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