

SF3B3 抗原（重组蛋白）

中文名称：SF3B3 抗原（重组蛋白）

英文名称：SF3B3 Antigen (Recombinant Protein)

别名：RSE1; SAP130; SF3b130; STAF130

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1008-1207 amino acids of human SF3B3

技术规格：

Full name:	splicing factor 3b subunit 3
Synonyms:	RSE1; SAP130; SF3b130; STAF130
Swissprot:	Q15393
Gene Accession:	BC000463
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 intro

n'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 TFC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair.