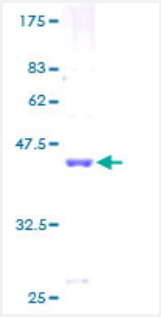
Full-Length

SF3B14 (Human) Recombinant Protein (P01)

Catalog # H00051639-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SF3B14 full-length ORF (AAH15463, 1 a.a. - 125 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAMQAAKRANIRLPPEVNRILYIRNLPYKITAEEMYDIFGKYGPIRQIRVGNTPETRGTAYVVYEDIFD AKNACDHLSGFNVCNRYLVVLYYNANRAFQKMDTKKKEEQLKLLKEKYGINTDPPK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.49
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SF3B14

Entrez GeneID	51639
GeneBank Accession#	BC015463
Protein Accession#	AAH15463
Gene Name	SF3B14
Gene Alias	CGI-110, HSPC175, Ht006, P14, SAP14, SF3B14a
Gene Description	splicing factor 3B, 14 kDa subunit
Omim ID	607835
Gene Ontology	Hyperlink
Gene 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 com plex. This 14 kDa protein also interacts directly with the adenosine that carries out the first transes terification step of splicing at the pre-mRNA branch site. [provided by RefSeq
Other Designations	pre-mRNA branch site protein p14|spliceosome-associated protein, 14 kDa subunit

Disease

- Genetic Predisposition to Disease
- Hematologic Diseases

- Occupational Diseases