

Recombinant Mouse Sf3b5 Protein, Myc/DDK-tagged

Cat. No. Sf3b5-5811M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Purified recombinant protein of mouse full-length splicing factor 3b, subunit 5 (Sf3b5), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex, a constituent of the spliceosome. SF3B complex is required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA. |
| Molecular Mass | 10.6 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 µg/mL as determined by microplate BCA method |
| Storage Buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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GENE INFORMATION

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|------------------------|--|
| Gene Name | Sf3b5 splicing factor 3b, subunit 5 [Mus musculus (house mouse)] |
| Official Symbol | Sf3b5 |
| Synonyms | SF3B5; splicing factor 3b, subunit 5; splicing factor 3B subunit 5; pre-mRNA-splicing factor SF3b 10 kDa subunit; 10kDa; Sf3b10; AU043053; 1110005L13Rik |
| Gene ID | 66125 |
| mRNA Refseq | NM_175102 |
| Protein Refseq | NP_780311 |
| UniProt ID | Q923D4 |

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