

## Recombinant Human SRPRB Protein, Flag-tagged

**Cat. No.** SRPRB-2257H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SRPRB Protein is produced by HEK293T expression system. This protein is fused with a Flag tag.                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | The protein encoded by this gene has similarity to mouse protein which is a subunit of the signal recognition particle receptor (SR). This subunit is a transmembrane GTPase belonging to the GTPase superfamily. It anchors alpha subunit, a peripheral membrane GTPase, to the ER membrane. SR is required for the cotranslational targeting of both secretory and membrane proteins to the ER membrane. |
| <b>Form</b>             | PBS buffer                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 30 kDa                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MASADSRRLADGGGAGGTFQPYLDTLRQELQQTDPTLLSVVAVLAVLLTLVFWKLI<br>RSRRSSQRAVLLVGLCDSGKTLLFVRLLTGLYRDTQTSITDSCAVYRVNNNRGNSLT<br>LIDLPGHESLRLQFLERFKSSARAIVFVDSAAFQREVKDVAEFLYQVLIDSMGLKNT<br>PSFLIACNKQDIAMAKSAKLIQQQLEKELNLTNRVTRSAAPSTLDSSSTAPAQLGKKGK<br>EFEFSQLPLKVEFLECSAKGGRGDVGSADIQDLEKWLAKIASGPTRTRPLEQKLISEE<br>DLAANDILDYKDDDDKV                                                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| <b>Gene Name</b>       | SRPRB SRP receptor subunit beta [ Homo sapiens (human)] |
| <b>Official Symbol</b> | SRPRB                                                   |
| <b>Synonyms</b>        | APMCF1; APMCF1                                          |
| <b>Gene ID</b>         | 58477                                                   |
| <b>mRNA Refseq</b>     | NM_021203                                               |
| <b>Protein Refseq</b>  | NP_067026                                               |
| <b>UniProt ID</b>      | Q9Y5M8                                                  |

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