

# Recombinant Human SRP9 Protein (Pro2-Glu86), N-GST tagged

**Cat. No.** SRP9-5475H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human SRP9 (Pro2-Glu86) fused with the N-GST tag was expressed in E. coli.                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | Pro2-Glu86                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Predicted to enable RNA binding activity and signal recognition particle binding activity. Predicted to be involved in SRP-dependent cotranslational protein targeting to membrane. Predicted to be located in cytosol. Predicted to be part of signal recognition particle, endoplasmic reticulum targeting. |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 36.82 kDa                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                              |
| <b>Notes</b>            | For research use only.                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the                                                                                                                                        |

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|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
|                       | date of receipt.                                                               |
| <b>Storage Buffer</b> | 0.01M PBS, pH 7.4, 0.02 % NLS                                                  |
| <b>Reconstitution</b> | Reconstitute in sterile water for a stock solution.                            |
| <b>Shipping</b>       | They are shipped out with dry ice/blue ice unless customers require otherwise. |

## GENE INFORMATION

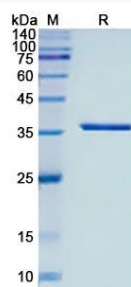
|                        |                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SRP9 signal recognition particle 9 [ Homo sapiens (human) ]                                                                                                           |
| <b>Official Symbol</b> | SRP9                                                                                                                                                                  |
| <b>Synonyms</b>        | SRP9; signal recognition particle 9; ALURBP; signal recognition particle 9 kDa protein; signal recognition particle 9kD; signal recognition particle 9kDa; EC 3.6.5.4 |
| <b>Gene ID</b>         | 6726                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_003133                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_003124                                                                                                                                                             |
| <b>MIM</b>             | 600707                                                                                                                                                                |
| <b>UniProt ID</b>      | P49458                                                                                                                                                                |

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## SDS-PAGE



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