

## Recombinant Human SRPR Protein, His-tagged

Cat. No. SRPR-2736H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SRPR Protein (Met1-Ser205) with a N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ser205
<b>Description</b>	The gene encodes a subunit of the endoplasmic reticulum signal recognition particle receptor that, in conjunction with the signal recognition particle, is involved in the targeting and translocation of signal sequence tagged secretory and membrane proteins across the endoplasmic reticulum. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.7 kDa Accurate Molecular Mass: 30 kDa
<b>Endotoxin</b>	<1.0 EU per 1g (determined by the LAL method).
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	SRPR signal recognition particle receptor (docking protein) [ Homo sapiens (human) ]
<b>Official Symbol</b>	SRPR
<b>Synonyms</b>	SRPR; signal recognition particle receptor (docking protein); signal recognition particle receptor subunit alpha; Sralpha; SRP alpha; DP-alpha; SR-alpha; SRP-alpha; docking protein alpha; DP; MGC3650; MGC9571; MGC17355;
<b>Gene ID</b>	6734
<b>mRNA Refseq</b>	NM_001177842
<b>Protein Refseq</b>	NP_001171313
<b>MIM</b>	182180
<b>UniProt ID</b>	P08240

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