

Recombinant Human SRPR Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SRPR Protein (Met1-Ser205) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ser205
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.7 kDa Accurate Molecular Mass: 30 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	SRPR signal recognition particle receptor (docking protein) [Homo sapiens (human)]
Official Symbol	SRPR
Synonyms	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;
Gene ID	6734
mRNA Refseq	NM_001177842
Protein Refseq	NP_001171313
MIM	182180
UniProt ID	P08240

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