

Recombinant Human SRP54 Protein (Met1-Met504), His-tagged

Cat. No. SRP54-679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRP54 Protein (NP_003127.1) (Met1-Met504) was produced by Baculovirus-Insect Cells expression system. This protein was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Met504
Predicted N Terminal	His
Form	Lyophilized from sterile 20 mM Tris, pH 7.5, 300 mM NaCl, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human SRP54 consists of 523 amino acids and predicts a molecular mass of 58 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SRP54 signal recognition particle 54kDa [Homo sapiens]
Official Symbol	SRP54
Synonyms	SRP54; signal recognition particle 54kDa; signal recognition particle 54kD;
Gene ID	6729
mRNA Refseq	NM_001146282
Protein Refseq	NP_001139754
MIM	604857
UniProt ID	P61011

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