

Recombinant Full Length Human SRPR Protein, GST-tagged

Cat. No. SRPR-6800HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human SRPR Protein (1-638 aa) is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	638 amino acids
Description	This gene encodes one of two enzymes which catalyzes the final reaction in the synthesis of triglycerides in which diacylglycerol is covalently bound to long chain fatty acyl-CoAs. The encoded protein catalyzes this reaction at low concentrations of magnesium chloride while the other enzyme has high activity at high concentrations of magnesium chloride. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	95.92 kDa
AA Sequence	MLDFFTIFSKGGLVLWCFQGVS DSGTGPVNALIRSVLLQERGGNNSFTHEALTLKYK LDNQFELVFVVGFKILTLYVDKLIDDVHRLFRDKYRTEIQQQSALSLLNGTFDFQN DFLRLLR EAESSKIRAPTTMKKFE DSEKAKKPVRSMIETRGEKPK EKAKNSKKGA KKEGSDG PLATSKPVPAEKSGLPVGPENGVLSKEELIRRKREEFIQKHGRGMEKS

 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

NKSTKSDAPKEKGGKAPRVWELGGCANKEVLDYSTPTTNGTPEAALSEDINLIRGTG
 SGGQLQDLDCSSSDDEGAAQNSTKPSATKGTGGMFGMLKGLVGSKLSREDME
 SVLDKMRDHLIAKNVAADIAVQLCESVANKLEGKVMGTFSTVTSTVKQALQESLVQIL
 QPQRRVDMLRDIMDAQRRQRPYVVTF CGVNGVGKSTNLAKISFWLLENGFSVLIAA
 CDTFRAGAVEQLRTHTRRLSALHPPEKHGGRTMVQLFEKGYGKDAAGIAMEAIAFA
 RNQGFVVLVDTAGRMQDNAPLMTALAKLITVNTPDLVLFVGEALVGNEAVDQLVK
 FNRALADHSMAQTPRLIDGIVLTKFDTIDDKVGAAISMTYITSKPIVFVGTGQTYCDLR
 SLNAKAVVAALMKA

Applications Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [SRPR signal recognition particle receptor \(docking protein\) \[Homo sapiens \]](#)


Official Symbol [SRPR](#)

Synonyms SRPR; 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](#)

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MIM	182180
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UniProt ID	P08240
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