

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	MLDFFTIFSKGGLVLWCFQGVSDSCTGPVNALIRSVLLQERGGNNSFTHEALTLKYK LDNQFELVFVVGFKILTLYVDKLIDDVHRLFRDKYRTEIQQQSALSLLNGTFDFQN DFLRLRLREAEESKIRAPTTMKKFEDSEKAKKPVRSMIETRGEKPKAKNSKKKGA KKEGSDGPLATSKPVPAEKSGLPVGPENGVELSKEELIRRKREEFIQKHGRGMEKS

 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

NKSTKSDAPKEKGKKAPRVWELGGCANKEVLDYSTPTTNGTPEAALSEDINLIRGTG
 SGGQLQDLDCSSSDDEGAAQNSTKPSATKGTGGMFGMLKGLVGSKSLSREDME
 SVLDKMRDHLLIAKNVAADIAVQLCESVANKLEGKVMGTFSTVTSTVKQALQESLVQIL
 QPQRRVDMLRDIMDAQRRQRPYVVTFCGVNGVGKSTNLAKISFWLLENGFSVLIAA
 CDTFRAGAVEQLRTHTRRLSALHPPEKHGGRTMVQLFEKGYGKDAAGIAMEAIAFA
 RNQGFVVLVDTAGRMQDNAPLMTALAKLITVNTPDVLVFGVGEALVGNEAVDQLVK
 FNRALADHSMAQTPLIDGIVLTKFDTIDDKVGAAISMITYITSKPIVFVGTGQTYCDLR
 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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