

## Recombinant Human FRRS1 Protein

Cat. No. FRRS1-4505H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human FRRS1 full-length ORF (AAI56176.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Members of the cytochrome b561 (CYB561; MIM 600019) family, including FRRS1, reduce ferric to ferrous iron before its transport from the endosome to the cytoplasm (Vargas et al., 2003 [PubMed 14499595]).[supplied by OMIM
<b>Form</b>	Liquid
<b>Molecular Mass</b>	68.9 kDa
<b>AA Sequence</b>	<p>MAVSGFTLGTCILLLHISYVANYPNGKVTQSCHGMIPHEGHSPQSVPVHDIYVSQMT  FRPGDQIEVTLSGHPFKGFLLEARNaedLNGPPIGSFTLIDSEVSQLLTCEDIQGS AV  SHRSASKKTEIKVYWNAPSSAPNHTQFLVTVVEKYKIYVWKIPGPIISQPNAFPFTTP  KATVVPLPTLPPVSHLTKPFSASDCGNKKFCIRSPLNCDPEKEASCVFLSFTRDDQS  VMVEMSGPSKGYLSFALSHDQWMGDDDAYLCIHEDQTVYIQPSHLTGRSHPVMD S  RDTLEDMAWRLADGVMQCSFRRNITLPGVKNRFDLNTSYIFLADGAANDGRIYKH  SQQPLITYEKYDVTDSPKNIGGSHSVLLLLKVHGALMFVAWMTTVSIGVLVARFFKPV  WSKAFLLGAAWFQVHRMLMFTTTVLTCIAFVMPFIYRGGWSRHAGYHPYLG CIVM  TLAVLQPLLAVFRPPLHDP RRQMFNWTHWSMGTAARIIAVAAMFLGMDLPGLNLPD  SWKTYAMTGFVAWHVGTEVVLELKYWMMTEFRSFSHLLQWKQRVMLLKRQCWQF  MSVGMILLFSSYFYLQSTIYEQA KTLAFAGQVIIIKPKKLEACPDCLEHICEFSLGRLGS</p>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

	CL
<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">FRRS1 ferric-chelate reductase 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">FRRS1</a>
<b>Synonyms</b>	SDR2; SDFR2; FRRS1; ferric-chelate reductase 1; Ferric Chelate Reductase 1; Stromal Cell-Derived Receptor 2; Ferric-Chelate Reductase 1; SDFR2; SDR-2; SDR2; Stromal Cell Derived Factor Receptor 2 Homolog (Mouse); Stromal Cell Derived Factor Receptor 2 Homolog; EC 1.-.-.-
<b>Gene ID</b>	<a href="#">391059</a>
<b>mRNA Refseq</b>	<a href="#">NM_001013660</a>
<b>Protein Refseq</b>	<a href="#">NP_001013682</a>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



<b>MIM</b>	611578
<b>UniProt ID</b>	Q6ZNA5

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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