

Recombinant Full Length Human FRRS1 Protein

Cat. No. FRRS1-5066HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FRRS1 full-length ORF (AAI56176.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	367 amino acids
Description	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
Form	Liquid
Molecular Mass	68.9 kDa
AA Sequence	<p>MAVSGFTLGTCILLHISYVANYPNGKVTQSCHGMIPHEGHSPQSVPVHDIYVSQMT FRPGDQIEVTLSGHPFKGFLLEARNAEDLNGPPIGSFTLIDSEVSQLLTCEDIQGSVA SHRSASKKTEIKVYWNAPSSAPNHTQFLVTVVEKYKIYVWKIPGPIISQPNAFPFTTP KATVVPLPTLPPVSHLTKPFSASDCGNKKFCIRSPLNCDPEKEASCVFLSFRDDQS VMVEMSGPSKGYLSFALSHDQWMGDDDAYLCIHEDQTVYIQPSHLTGRSHPVMDSD RDTLEDMAWRLADGVMQCSFRRNITLPGVKNRFDLNTSYYIFLADGAANDGRIYKH SQQPLITYEKYDVTDSPKNIGGSHSVLLLKVHGALMFVAWMTTVSIGVLVARFFKPV WSKAFLLGAAWFQVHRMLMFTTTVLTCLAFVMPFIYRGGWSRHAGYHPYLGCIVM TLAVLQPLLAVFRPPLHDP RRQMFNWTHWSMGTAARIIVAAMFLGMDLPLNLPD</p>

 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

SWKTYAMTGFVAWHVGTEVVLELKYWMMTEFRSFSHLLQWKQRVMLLKRQCWQF
 MSVGMMLLFSSYFYLQSTIYEQAKTLAFAGQVIIIKPKKLEACPDCLEHICEFSLGRLGS
 CL

Applications
 Antibody Production
 Functional Study
 Compound Screening

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.

Storage Buffer 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name [FRRS1 ferric-chelate reductase 1 \[Homo sapiens \]](#)

Official Symbol [FRRS1](#)

Synonyms 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.-.-

Gene ID [391059](#)

mRNA Refseq [NM_001013660](#)

Protein Refseq [NP_001013682](#)

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MIM	611578
UniProt ID	Q6ZNA5

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