

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	MAVSGFTLGTCILLHISYVANYPNGKVTQSCHGMIPEHGHSPQSVPVHDIYVSQMT FRPGDQIEVTLSGHPFKGFLLEARNALNGPPIGSFTLIDSEVSQLLTCEDIQGSVA SHRSASKKTEIKVYWNAPSSAPNHTQFLVTVVEKYKIYVWKIPGPIISQPNAPFTTP KATVVPLPTLPPVSHLT KPFSASDCGNKKFCIRSPLNCDPEKEASCVFLSFTRDDQS VMVEMSGPSKGYLSFALSHDQWMGDDDAYLCIHEDQTVYIQPSHLTGRSHPVMDS RDTLEDMAWRLADGVMQCSFRRNITLPGVKNRFDLNTSYIFLADGAANDGRIYKH SQQPLITYEKYDVTDSPKNIGGSHSVLLLKVHGALMFVAWMTTVSIGVLVARFFKPV WSKAFLLGAAWFQVHRMLMFTTTVLTCIAFVMPFIYRGGWSRHAGYHPYLGCIWM TLAVLQPLLAVFRPPLHDP RRQMFNWTHWSMGTAARIIVAAMFLGMDLPGLNLDP

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SWKTYAMTGFVAWHVGTEVVLELKYWMMTEFRSFSHLLQWKQRVMLLKRQCWQF
MSVGMLLFSSYFYLQSTIYEQAKTAFAGQVIIIKPKKLEACPDCLEHICEFSLGRLGS
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
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UniProt ID	Q6ZNA5
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