

Recombinant Full Length Human Ferric-Chelate Reductase 1(Frrs1) Protein, His-Tagged

Cat. No. RFL35591HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Ferric-chelate reductase 1(FRRS1) Protein (Q6ZNA5) (1-592aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-592)
Form	Lyophilized powder
AA Sequence	MAVSGFTLGT CILLHISYVANYPNGKVTQSCHGMIPEHGHSPQSVPVHDIYVSQMT FRP GDQIEVTL SGHPFKGFLLEARN AEDLNGPPIGSFTLIDSEVSQLLTCEDIQGS AV SHRSA SKKTEIKVYWNAPSSAPNHTQFLVTVVEKYKIYWVKIPGPIISQPNAFPFTTP KATVVPL PTLPPVSHLT KPFSASDCGNKKFCIRSPLNCDPEKEASCVFLSFRDDQS VMVEMSGPSK GYLSFALSHDQWMGDDDAYLCIHEDQTVYIQPSHLTGRSHPVMD S RDTLEDMAWRLADGV MQCSFRRNITLPGVKNRFDLNTSYIIFLADGAANDGRIYKH SQQPLITYEKYDVTDSPKN IGGSHSVLLLVH GALMFVAWMTTVSIGVLVARFFKPV WSKAFLLG EAAWFQVHRMLMFT TTVLT CIAFVMPFIYRGGWSRHAGYHPYLG CIVM TLAVLQPLLAVFRPPLHDP RRQMFNW THWSMGTAARI IAVAAMFLGMDLPGLNLPD SWKTYAMTGFVAWHVGTEVVLEVHAYRLSR KVEILDDDRIQILQSFTAVETEGHAFK KAVLAIYVCGNVTFLIIFLSAINHL
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	FRRS1
Synonyms	FRRS1; SDFR2; SDR2; Ferric-chelate reductase 1; Stromal cell-derived receptor 2; SDR-2
UniProt ID	Q6ZNA5