

Datasheet for ABIN7547750

Ferric-Chelate Reductase 1 (FRRS1) (AA 1-592) protein (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Ferric-Chelate Reductase 1 (FRRS1)
Protein Characteristics:	AA 1-592
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant FRRS1 Protein expressed in mammalian cells.
Sequence:	MAVSGFTLGT CILLHISYV ANYPNGKVTQ SCHGMIPEHG HSPQSVPVHD IYVSQMTFRP GDQIEVTLTG HPGKGFLEA RNAEDLNGPP IGSFTLIDSE VSQLLTCEDI QGSAVSHRSA SKKTEIKVYW NAPSSAPNHT QFLVTVVEKY KIYWVKIPGP IISQNAFPF TTPKATVVPL PTLPPVSHLT KPFSASDCGN KKFCIRSPLN CDPEKEASCV FLSFTRDDQS VMVEMSGPSK GYLSFALSHD QWMGDDDAYL CIHEDQTVYI QPSHLTGRSH PVMDSRDTLE DMAWRLADGV MQCSFRRNIT LPGVKNRFDL NTSYYIFLAD GAANDGRIYK HSQQLITYE KYDVTDSPKN IGGSHSVLLL KVHGALMFVA WMTTVSIGVL VARFFKPVWS KAFLGEEAW FQVHRMLMFT TTVLTICIAFV MPFIYRGGWS RHAGYHPYLG CIVMTLAVLQ PLLAVFRPPL HDP RRQMFNW THWSMGTAAR IIAVAAMFLG MDLPGLNLPD SWKTYAMTGF VAWHVGTEVV LEVHAYRLSR KVEILDDDR I QILQSFTAVE TEGHAFKKAV LAIYVCGNVT FLIIFLSAIN HL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a

Product Details

special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: Ferric-Chelate Reductase 1 (FRRS1)

Alternative Name: FRRS1 ([FRRS1 Products](#))

Background: Ferric-chelate reductase 1 (EC 1.-.-) (Stromal cell-derived receptor 2) (SDR-2),FUNCTION: Ferric-chelate reductases reduce Fe(3+) to Fe(2+) before its transport from the endosome to the cytoplasm. {ECO:0000250|UniProtKB:Q8K385}.

Molecular Weight: 66.1 kDa

UniProt: [Q6ZNA5](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

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functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
