

Recombinant Full Length *Saccharomyces Cerevisiae* Ferric Reductase Transmembrane Component 5(Fre5) Protein, His-Tagged

Cat. No. RFL30691SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Ferric reductase transmembrane component 5(FRE5) Protein (Q08908) (20-694aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>S.cerevisiae</i>
Source	<i>E.coli</i>
ProteinLength	Full Length of Mature Protein (20-694)
Form	Lyophilized powder
AA Sequence	KPASTKKRTQWDQIAIDACAKELESHKFDTDVKGRHATLCTYEPALGSWLHCAKDV LDSR KSKKIFEKTFKINQYCHDYHKDEVVSNEEYYRIFANASLFIRPLDEVKENIRY PVTPTN KASLDRVWVAYFGPLDNIDKGNVYGVITICLYWIGVLFIAAVYHFLNFSRLKQ TVFKNKVS AFLRGHYVLPALVHNHAMSVMGRWFFIGLVPTRLTLVLFQYVLLHGFLL SSYNFDHNELL SDRRSQVLIFLSDRAGILAFAHFPLIVLFGGKNSTMTWLTGIRYTAFI TYHKWLGRFMLV DCTIHAIGYTYHAYIENYWKYVKYSDLWTSGRHAMIIVGILVFFSF FFFRRHYEYELFVIT HIILAIGFFHACWKHCYKLGWGEWIMACALFWIADRILRLIKIAIF GMPWAKLKLKGESM IEVRISSKWWKAEPGQYIYLYFLRPKIFWQSHPFTVMDSL VEDGELVVVITVKNGLTK KLQEYLLSEGYTEMRVLAEGPYGQSTRTHLFESLLFIA GGAGVPGPLSMAIKAGRQVKS NDSHQMIKFVWSVRNLDLLEVYRKEIMVLKELNID

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TKIYFTGERKDESNTEEGAIANMST EGRLLTTSKSAEMITDFGRPNIDEIIIEEAVSGAK
 SLLVTCCGSEGFVDKTRELTAKRVLE HGDKWIEYVEEFQNW

Purity Greater than 90% as determined by 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 FRE5

Synonyms FRE5; YOR384W; O6765; Ferric reductase transmembrane component 5; Ferric-chelate reductase 5

UniProt ID [Q08908](https://www.uniprot.org/entry/Q08908)

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