



Recombinant *Saccharomyces cerevisiae* Facilitator of iron transport 1 (FIT1)

Product Code	CSB-YP312919SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q04433
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	ES ITTTITATKN GHVYTKVTQ DATFWAGEG AAVTSVAVTEA STVAATSAAA ETSVAETS I VEPSTSAQGT SADEGSGSSI TTTITATKNG HVYTKVTQD ATFVWTGEGE RAPASTVATV ETSVAETS V AEPSTSAQGT SADEGSGSSI TTTITATKNG HVYTKVTQD ATFVWTGEGE RAPVSTVATV ETAASPVTSV AEPASTDEG SGSSITTTIT ATKNGHVYTK TVTQDATFW TGEGERAPAS TVATSSISAI EIPSTTEASI VEASSAVETS SAAETSSAVE TSSAVETSSA VETSSAAETS SAAETSSAVE TSSAVEISSA VETSAVETSS SSSTIETTSV KSLSPTQTS L SSSVQASSPI ETSSAAKTSS VVPTFSSTTT ENSSNSKSTS AVVASTTTSS ESSATIVTPT RIGQAYTESS SRDAQSVRTH ESNWSSSSS ASTKMOVSSIT RVQTTTAGIF TNGKSSTTPQ IVNYTG
Source	Yeast
Target Names	FIT1
Protein Names	Recommended name: Facilitator of iron transport 1
Expression Region	19-506
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.