

Recombinant Full Length *Saccharomyces Cerevisiae* Glycerol Uptake/Efflux Facilitator Protein(Fps1) Protein, His-Tagged

Cat. No. RFL5547SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Glycerol uptake/efflux facilitator protein(FPS1) Protein (P23900) (1-669aa), 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 (1-669)
Form	Lyophilized powder
AA Sequence	MSNPQKALNDFLSSESVHTHDSSRKQSNKQSSDEGRSSSQPSHHHSGGTNNNNN NNNNNNNSNNNNNGNDGGNDDDDYDYMQRSPQSARPTPTYVPQYSVESGTA FPIQEVIPSAYINTQDINHKGNGPPSASSNRAFRPRGQTTVSANVLNIEDFYKNADDA HTIPESHLSRRRSRSTRATSNAGHSANTGATNGRRTTGAQTNMESNESPRNVPIPVKP KTLYQNPQTPTVLPSTYHPINKWSSVKNTYLKEFLAEFMGTMMIIFGSAVVCQVNV AGKIQQDNFNVALDNLNVTGSSAETIDAMKSLTSLVSSVAGGTFDDVALGWAAVV MGYFCAGGSAISGAHLNPSITLANLVYRGFPLKKVPYYFAGQLIGAF TGALILFIWYKR VLQEAYS DWWMNESVAGMFCVFPKPYLSSGRQFFSEFLCGAMLQAGTFALTDPYT CLSSDVFPLMMFILIFIINASMAYQTGTAMNLARDLGPRLALYAVGFDHKMLWVHHH HFFWVPMVGPFIGALMGGLVYDVCYIQGHESPVNWSLPVYKEMIMRAWFRPGWK KRNRRRTS DLSDFSYNNDDEEFGERMALQKTKTKSSISDNENEAGEKKVQFKSV

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QRGKRTFGGIPTILEEEDSIETASLGATTDDSIGLSDTSSSEDSHYGNAKKVT

Purity Greater than 90% as determined by SDS-PAGE.

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 FPS1

Synonyms FPS1; YLL043W; Glycerol uptake/efflux facilitator protein

UniProt ID [P23900](#)

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