

Recombinant Full Length *Saccharomyces Cerevisiae* Mitochondrial Import Inner Membrane Translocase Subunit Tim23(Tim23) Protein, His-Tagged

Cat. No. RFL29744SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Mitochondrial import inner membrane translocase subunit TIM23(TIM23) Protein (P32897) (1-222aa), 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 (1-222)
Form	Lyophilized powder
AA Sequence	MSWLFGDKTPTDDANAAVGGQDTTKPKELSLKQSLGFEPNINNIISGPGGMHVDTA RLHP LAGLDKGV EYLDLEEEQLSSLEGSQGLIPSRGWTD D L C Y G T G A V Y L L G L G I G G F S G M M Q G L Q N I P P N S P G K L Q L N T V L N H I T K R G P F L G N N A G I L A L S Y N I I N S T I D A L R G K H D T A G S I G A G A L T G A L F K S S K G L K P M G Y S S A M V A A A C A V W C S V K K R L L E K
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.

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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	TIM23
Synonyms	TIM23; MAS6; MIM23; MPI3; YNR017W; N3180; Mitochondrial import inner membrane translocase subunit TIM23; Membrane import machinery protein MIM23; Mitochondrial protein import protein 3; Mitochondrial protein import protein MAS6
UniProt ID	P32897