

Recombinant Full Length *Saccharomyces Cerevisiae* Mitochondrial Import Receptor Subunit Tom70(Tom70) Protein, His-Tagged

Cat. No. RFL28131SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Mitochondrial import receptor subunit TOM70(TOM70) Protein (A6ZRW3) (1-617aa), 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 (1-617)
Form	Lyophilized powder
AA Sequence	MKSFITRNKTAILATVAATGTAIGAYYYYNQLQQQQQRGKKNTINKDEKKDTKDSQK ETEGAKKSTAPSNPPIYPVSSNGEPDFSNIKANFTAEKDKYALALKDKGNQFFRNKK YDDAIKYYNWALELKEDPVFYSNLSACYVSVGDLKKVEMSTKALELKPDISKVLRL RASANEGLGKFADAMFDLSVLSLNGDFNDASIEPMLERNLNKQAMSKLKEKFGDIDT ATATPTTELSTQPAKERKDKQENLPSVTSMASFFGIFKPELTFANYDESNEADKELMN GLSNLYKRSPESYDKADESFTKAARLFEEQLDKNNEDEKLKEKLAISLEHTGIFKFLK NDPLGAHEDIKKAIELFPRVNSYIYMALIMADRNDSTEYYNYFDKALKLDSNNSSVYY HRGQMNFIQNYDQAGKDFDKAKELDPENIFPYIQLACLAYRENKFDDCETLFSEAK RKFPPEAPEVPNFFAEILTDKNDFDKALKQYDLAIELENKLDGIYVGIAPLVGKATLLTR NPTVENFIEATNLLEKASKLDPRSEQAKIGLAQMKLQQQEDIDEAITLFEESADLARTM

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	EEKLQAITFAEAAKVQQRIRSDPVLAKKIQETLAKLREQGLM
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	TOM70
Synonyms	TOM70; MAS70; OMP1; SCY_4674; Mitochondrial import receptor subunit TOM70; 70 kDa mitochondrial outer membrane protein; Translocase of outer membrane 70 kDa subunit
UniProt ID	A6ZRW3

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