

Recombinant Full Length *Xenopus laevis* Mitochondrial Import Inner Membrane Translocase Subunit Tim21(Timm21) Protein, His-Tagged

Cat. No. RFL9209XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus laevis</i> Mitochondrial import inner membrane translocase subunit Tim21(timm21) Protein (Q5XKA2) (32-232aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus laevis</i>
Source	<i>E. coli</i>
ProteinLength	Full Length of Mature Protein (32-232)
Form	Lyophilized powder
AA Sequence	SCLALLHKGAFAPTSRSLFCAERPISGTSLQVKDKRVSVQSTSDGAPPQNASHK VKE AGRDFTYFIVVLIGIGVTGGLFYVVFEELFSSSSPSKIYGEALEKCRSHPEVIGAF GEPI KGYGETTRRGRQHVSHMEFVKDGIKCMRLKFYIEGSEPRKQGTVHIEVKEN PASGKYEF QYIFVEIDTYPRRTIIIEDNR
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

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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**

tim21

Synonyms

tim21; tim21; Mitochondrial import inner membrane translocase subunit Tim21; TIM21-like protein, mitochondrial

UniProt ID

[Q5XKA2](#)

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