

## Product datasheet for **TP727593**

### Saccharomyces cerevisiae Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant <i>S. cerevisiae</i> TIM16
Species:	<i>Saccharomyces cerevisiae</i>
Expression cDNA Clone or AA Sequence:	Thr54-Ala119
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 300mM NaCl, pH 8.0 .
Note:	Recombinant <i>S. cerevisiae</i> Mitochondrial Import Inner Membrane Translocase Subunit TIM16 is produced by our E.coli expression system and the target gene encoding Thr54-Ala119 is expressed.
Stability:	12 months from date of despatch
Summary:	Mitochondrial import inner membrane translocase subunit TIM16 (TIM16) is an essential component of the PAM complex. PAM complex is required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. In the complex, TIM16 is required to regulate activity of mtHSP70 (SSC1) via its interaction with PAM18/TIM14. TIM16 may act by positioning PAM18/TIM14 in juxtaposition to mtHSP70 at the translocon to maximize ATPase stimulation.



[View online »](#)