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32-8877: Recombinant S. cerevisiae TIM16(Discontinued)

Gene : PAM16
Gene ID : 853340
Uniprot ID : P42949

Description

Source: E.coli.
MW :7.9kD.
Recombinant S. cerevisiae Mitochondrial Import Inner Membrane Translocase Subunit TIM16 is produced by our E.coli expression system and the target gene encoding Thr54-Ala119 is expressed. Mitochondrial import inner membrane translocase subunit TIM16 (TIM16) is an ssential 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM Tris,300mM NaCl,pH8.0.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MTLDESCKILNIEESKGDLNMDKINNRFNYLFEVNDKEKGGSFYLQSKVYRAAERLKWELAQREKNA

Application Note

Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.