

## 32-7172: Recombinant *S. cerevisiae* Translation Associated Element 1/TAE1/NTM1 (C-6His)(Discontinued)

**Gene :** TAE1  
**Gene ID :** 852564  
**Uniprot ID :** P38340

### Description

Source: E.coli.

MW :27.13kD.

Recombinant *S.cerevisiae* Translation Associated Element 1 is produced by our E.coli expression system and the target gene encoding Met1-Asn232 is expressed with a 6His tag at the C-terminus. As the initiator Met is cleaved, Alpha N-methyltransferase methylates the N-terminus of target proteins containing the N-terminal motif [Ala/Pro/Ser]-Pro-Lys. In the alpha-amino group of Ala or Ser residue of [Ala-Ser]-Pro-Lys motif and mono- or di-methylation of Pro in the Pro-Pro-Lys motif, Alpha-N-methyltransferase catalyzes mono-, di- or tri-methylation. NTM1 is responsible for the N-terminal methylation of ribosomal protein, such as RPL12A, RPL12B, RPS25A, RPS25B.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MDVPADSHIKYEDAIDYWTVDVATVDGVLGGYGEGTVVPTMDVLGSNNFLRKLKSRMLPQENNVKYAVDIGA  
GIGRVSKTMLHKHAAKIDLVEPVKPFIEQMHVLAELKDKGQIQIYEVGMQDWTPDAGKYWLIWCQWCVGH  
LPDAELVAFLKRCIVGLQPNGTIVKENTPTDPTDFFDETDSSVTRSDAKFRQIFEEAGLKLIA SERQRGLPRELY  
PVRMYALKPMPNLEHHHHHH

### Application Note

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