

Recombinant Human TAE1

Cat. No. TAE1-7904H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>S. cerevisiae</i> Translation Associated Element 1/TAE1 is produced by our <i>E. coli</i> expression system. The target protein is expressed with sequence (Met1Asn232) of <i>S. cerevisiae</i> TAE1.
Species	Human
Source	<i>E. coli</i>
Description	As the initiator Met is cleaved, Alpha N-methyltransferase methylates the N-terminus of target proteins containing the N-terminal motif [Ala/Pro/Ser]ProLys. In the alpha-amino group of Ala or Ser residue of [AlaSer]ProLys motif and mono or dimethylation of Pro in the ProProLys motif, Alpha N-methyltransferase catalyzes mono-, di- or trimethylation. NTM1 is responsible for the N-terminal methylation of ribosomal protein, such as RPL12A, RPL12B, RPS25A, RPS25B.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 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 less than 20°C. for 3 months.

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GENE INFORMATION

Gene Name	TAE1 Tae1p [<i>Saccharomyces cerevisiae</i> S288c]
Official Symbol	TAE1
Synonyms	TAE1; Tae1p; YBR261C, NTM1
Gene ID	852564
mRNA Refseq	NM_001178609.1
Protein Refseq	NP_009820.1
UniProt ID	P38340
Chromosome Location	chromosome: II
Function	N-terminal protein N-methyltransferase activity; methyltransferase activity; transferase activity

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