

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
GIGRVSKTMLHKHAAKIDLVEPVKPFIEQMHVLAELKDKGQIGQIYEVGMQDWTPDAGKYWLIWCQWCVGH
LPDAELVAFLKRCIVGLQPNGTIVVKENNTPDTDDDFDETSSVTRSDAKFRQIFEEAGLKLASERQRGLPRELY
PVRMYALKPMPNLEHHHHHH

Application Note

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