

Recombinant Human METTL3/METTL14, Active

Catalog No: tccp0838856



Available Sizes

Size: 10µg

Size: 20µg



Specifications

Application:

Methyltransferase Assay

Species Reactivity:

Human

Storage Instruction:

-70°C. aliquot and avoid multiple freeze/thaw procedures

Alternative Names:

METTL3; IME4; M6A; MT-A70; Spo8

Gene ID:

NM_019852 , NM_020961

Observed Molecular Weight:

100 kDa (METTL3) and 84 kDa (METTL14)

Sequence:

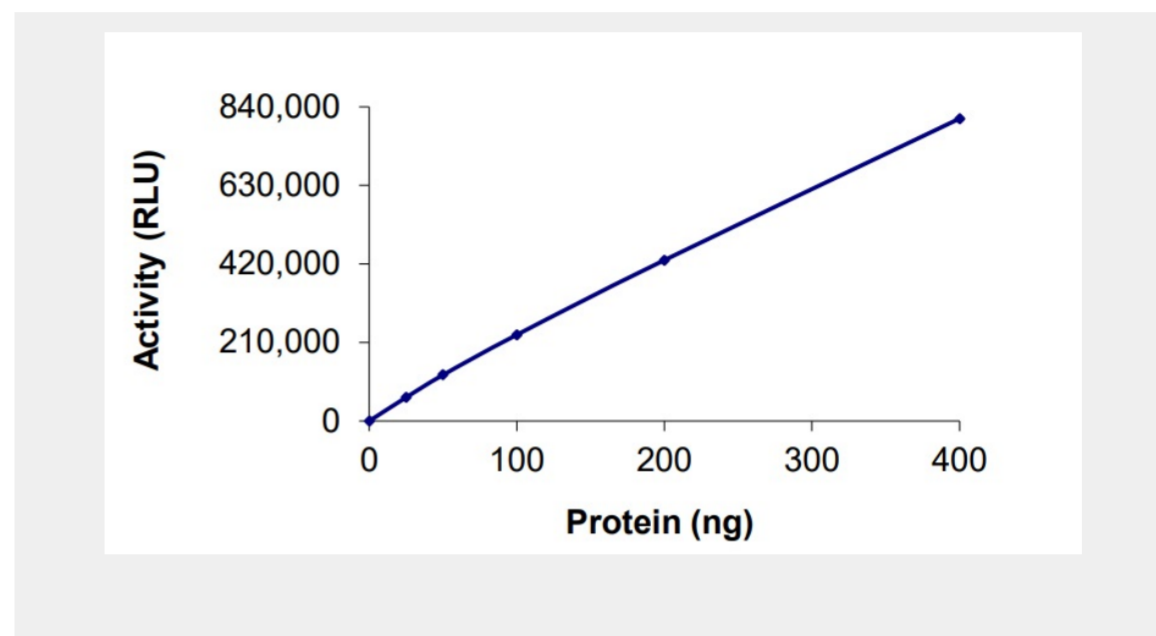
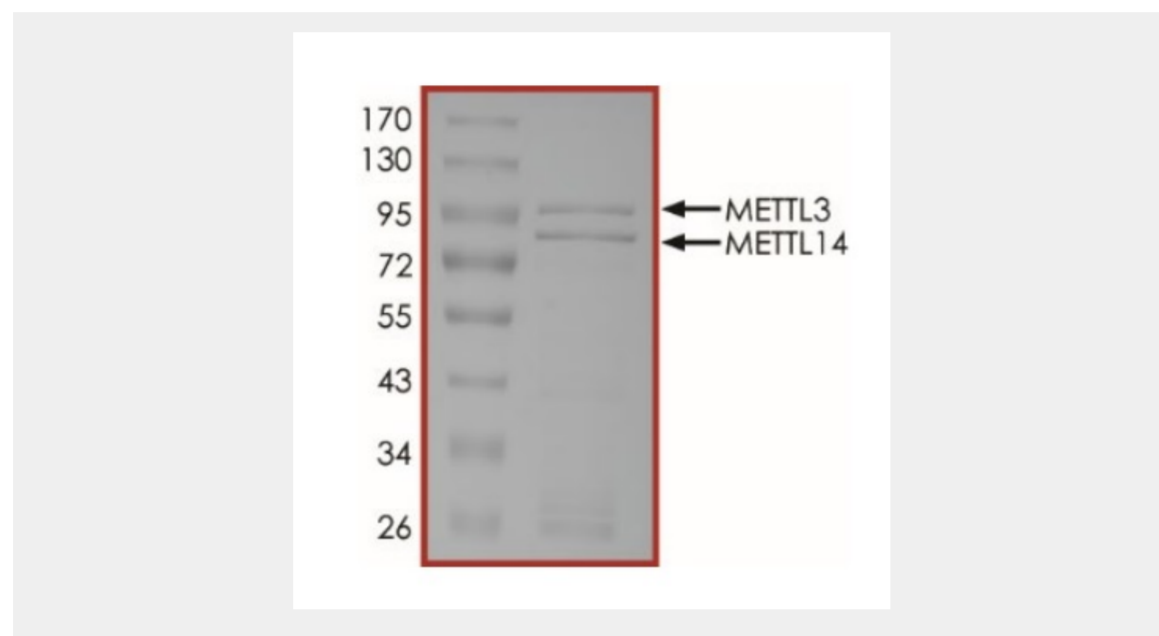
Full length

Product Description

Full-length recombinant human METTL3/METTL14 complex was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.

Methyltransferase-like 3 (METTL3) and methyltransferase-like 14 (METTL14) form a stable heterodimer core complex that catalyzes N6-methyladenosine (m6A) RNA methylation in mammalian cells. m6A is an abundant internal modification in messenger RNA and long non-coding RNA. It functions in multiple aspects of developmental regulation, cell cycle progression, cell fate, and the heat

shock stress response by affecting aspects of RNA metabolism such as pre-mRNA processing, translation efficiency, transcript stability and miRNA biogenesis.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!