

Recombinant Human EEF1AKNMT Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EEF1AKNMT-1753H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	METTL13 MS Standard C13 and N15-labeled recombinant protein (NP_057019) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	EEF1AKNMT (EEF1A Lysine And N-Terminal Methyltransferase) is a Protein Coding gene. Diseases associated with EEF1AKNMT include Deafness, Autosomal Recessive 26, Modifier Of and Deafness, Autosomal Recessive 26. An important paralog of this gene is EEF1AKMT4.
Molecular Mass	78.8 kDa
AA Sequence	MNLLPKSSREFGSVDYWEKFFQQRGKKAFEWYGTYLELCGVLHKEYIKPREKVLVIG CGNSELSEQLYDVGYRDIVNIDISEVVIKQMKECNATRRPQMSFLKMDMTQMEFPD ASFQVVLDKGTLDAVLTDEEEKTLQQVDRMLAEVGRVLQVGGRYLCISLAQAHILKK AVGHFSREGWMVRVHQVANSQDQVLEAEPQFSLPVFAFIMTKFRPVPGSALQIFEL CAQEQRKPVRLSAERLAEAVQERQQYAWLCSQLRRKARLGSVSLDLCDGDTGEP RYTLHVVDSPVTKPSRDNHFAIFIIPQGRETWLFMDEGRKQLAASAGFRRLITVAL HRGQQYESMDHIQAELSARVMELAPAGMPTQQQVPFLSVGGDIGVRTVQHQCSP LSGDYVIEDVQGGDKRYFRRLLIFLSNRNVVQSEARLLKDVSHKAQKKRKKDRKKQR PADAEDLPAAPGQSIDKSYLCCEHHKAMIAGLALLRNPELLLEIPLALLVVLGGGSL

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PLFVHDHFPKSCIDAVEIDPSMLEVATQWFGFSQSDRMKVHIADGLDYIASLAGGGE
ARPCYDVIMFDVDSKDPTLGMSCPPPAFVEQSFLQKVKSILTPEGVFILNLVCRDLGL
KDSVLAGLKAVFPLLYVRRIEGEVNEILFCQLHPEQKLATPELLETAQALERTLRKPG
RGWDDTYVLSDMLKTVKIVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [EEF1AKNMT eEF1A lysine and N-terminal methyltransferase \[Homo sapiens \(human\) \]](#)

Official Symbol [EEF1AKNMT](#)

Synonyms EEF1AKNMT; eEF1A lysine and N-terminal methyltransferase; feat; DFNM1; CGI-01; DFNB26; DFNB26M; METTL13; KIAA0859; 5630401D24Rik; eEF1A lysine and N-terminal methyltransferase; antiapoptotic protein FEAT; deafness (autosomal recessive, nonsyndromic) modifier 1; deafness (recessive, non-syndromic) modifier 1; deafness (recessive, nonsyndromic) modifier 1; eEF1A-KNMT; faint expression in normal tissues, aberrant overexpression in tumors; methyltransferase like 13; methyltransferase-like protein 13; EC 2.1.1.-

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Gene ID	51603
mRNA Refseq	NM_015935
Protein Refseq	NP_057019
MIM	617987
UniProt ID	Q8N6R0
SDS-PAGE	