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	MNLLPKSSREFGSVDYWEKFFQQRGKKAFEWYGTYLELCGVLHKYIKPREKVLVIG CGNSELSEQLYDVGYRDIVNIDISEVVIKQMKECNATRRPQMSFLKMDMTQMEFPD ASFQVVLDKGTLDAVLTDEEEKTLQQVDRMLAEVGRVLQVGGRYLCISLAQAHILKK AVGHFSREGWMVRVHQVANSQDQVLEAEPQFSLPVFAFIMTKFRPVPGSALQIFEL CAQEQRKPVRLESAERLAEAVQERQQYAWLCSQLRRKARLGSVSLDLCDGDTGEP RYTLHVVDSPTVKPSRDNHFAIFIIPQGRETEWLFGMDEGRKQLAASAGFRRLITVAL HRGQQYESMDHIQAELSARVMELAPAGMPTQQQVPFLSVGGDIGVRTVQHQDCSP LSGDYVIEDVQGDDKRYFRRLIFLSNRNVVQSEARLLKDVSHKAQKKRKKDRKKQR PADAEDLPAAPGQSIDKSYLCCEHHKAMIAGLALLRNPELLLEIPLALLVVGLGGGSL

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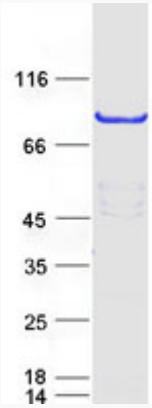
Gene ID	51603
mRNA Refseq	NM_015935
Protein Refseq	NP_057019
MIM	617987
UniProt ID	Q8N6R0
SDS-PAGE	

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