

Product datasheet for PH304025

FAM86A (EEF2KMT) (NM_201400) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM86A MS Standard C13 and N15-labeled recombinant protein (NP_958802)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204025
Predicted MW:	36.9 kDa
Protein Sequence:	>RC204025 protein sequence Red=Cloning site Green=Tags(s)

MAPEENAGTELLLQSFERRFLAARTLRSFPWQSLEAKLRDSSSELLRDILHKTVKHPVCVKHPPSVKYA
RCFLSELIKKHEAVHTEPLDEL YEALAEATLMAKESTQGHRSYLLPSGGSVTLSESTAIISYGTGLVTWD
AALYLAEWAIENPAVFTNRTVLELGSGAGLTGLAICKMCRPRAYIFSDCHSRVLEQLRGNVLLNGLSLEA
DITAKLDSPRVTVQQLDWDVATVHQLSAFQPDVVAADVLYCPEAIMSLVGVLRRLAACREDQRAPEVYV
AFTVRNPETCQLFTTELGRAGIRWEVEPRHEQKLFPEYEEHLEMAMLNLT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_958802
RefSeq Size:	2411
RefSeq ORF:	990
Synonyms:	eEF2-KMT; EFM3; FAM86A; SB153
Locus ID:	196483



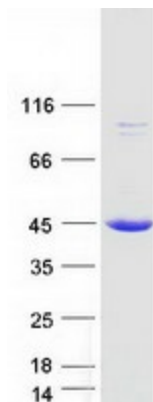
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UniProt ID: [Q96G04](#)

Cytogenetics: 16p13.3

Summary: Catalyzes the trimethylation of eukaryotic elongation factor 2 (EEF2) on 'Lys-525'.
[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified EEF2KMT protein (Cat# [TP304025]). The protein was produced from HEK293T cells transfected with EEF2KMT cDNA clone (Cat# [RC204025]) using MegaTran 2.0 (Cat# [TT210002]).