

Product datasheet for PH300733

EEF1B2 (NM_021121) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EEF1B2 MS Standard C13 and N15-labeled recombinant protein (NP_066944)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200733
Predicted MW:	24.8 kDa
Protein Sequence:	>RC200733 protein sequence Red=Cloning site Green=Tags(s) MGFGDLKSPAGLQVLNDYLADKSYIEGYVPSQADVAVFEAVSSPPPADLCHALRWYNHIKSYEKEKASLP GVKKALGKYGPADVEDTTGSGATDSKDDDDIDLFGSDDEEESSEEAKRLREERLAQYESKKAKPALVAKS SILLDVKPWDEETDMAKLEECVRSIQADGLVWGSSKLVVPGYGIKKLLQIQCVVEDDKVGTDMLEEQITAF EDYVQSM DVAAFNKI 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_066944
RefSeq Size:	854
RefSeq ORF:	675
Synonyms:	EEF1B; EEF1B1; EF1B
Locus ID:	1933
UniProt ID:	P24534 , A0A024R3W7



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Cytogenetics: 2q33.3

Summary: This gene encodes a translation elongation factor. The protein is a guanine nucleotide exchange factor involved in the transfer of aminoacylated tRNAs to the ribosome. Alternative splicing results in three transcript variants which differ only in the 5' UTR. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified EEF1B2 protein (Cat# [TP300733]). The protein was produced from HEK293T cells transfected with EEF1B2 cDNA clone (Cat# [RC200733]) using MegaTran 2.0 (Cat# [TT210002]).