Product datasheet for PH309768

EEF1B2 (NM_001037663) Human Mass Spec Standard

Product data:

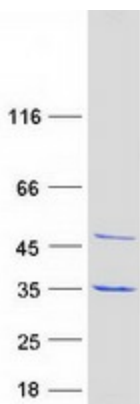|	
Product Type:	Mass Spec Standards
Description:	EEF1B2 MS Standard C13 and N15-labeled recombinant protein (NP_001032752)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209768
Predicted MW:	24.8 kDa
Protein Sequence:	>RC209768 protein sequence Red=Cloning site Green=Tags(s) MGFGDLKSPAGLQVLNDYLADKSYIEGYVPSQADVAVFEAVSSPPPADLCHALRWYNHIKSYEKEKASLP GVKKALGKYGPADVEDTTGSGATDSKDDDDIDLFGSDDEEESEEAKRLREERLAQYESKKAKKPALVAKS SILLDVKPWDDETDMAKLEECVRSIQADGLVWGSSKLVPVGYGIKKLQIQCVVEDDKVGTDMLEEQITAF EDYVQSMDVAAFNKI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_001032752
RefSeq Size:	900
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# [TP309768]). The protein was produced from HEK293T cells transfected with EEF1B2 cDNA clone (Cat# [RC209768]) using MegaTran 2.0 (Cat# [TT210002]).