

## Product datasheet for PH321264

### EEF1B2 (NM\_001959) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	EEF1B2 MS Standard C13 and N15-labeled recombinant protein (NP_001950)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221264
Predicted MW:	24.6 kDa
Protein Sequence:	>RC221264 representing NM_001959 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGFGDLKSPAGLQVLNDYLADKSYIEGYVPSQADVAVFEAVSSPPPADLCHALRWYNHIKSYEKEKASLP GVKKALGKYGPADVEDTTGSGATDSKDDDDIDLFGSDDEEESSEEAKRLREERLAQYESKKAKPALVAKS SILLDVKPWDEETDMAKLEECVRSIQADGLVWGSSKLVPGYGIKKLQIQCVVEDDKVGTDMLEEQITAF EDYVQSM DVAAFNKI  <b>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</b>
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001950</a>
RefSeq Size:	961
RefSeq ORF:	675
Synonyms:	EEF1B; EEF1B1; EF1B
Locus ID:	1933
UniProt ID:	<a href="#">P24534</a> , <a href="#">A0A024R3W7</a>

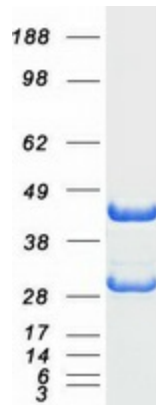


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Cytogenetics: 2q33.3

**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# [TP321264]). The protein was produced from HEK293T cells transfected with EEF1B2 cDNA clone (Cat# [RC221264]) using MegaTran 2.0 (Cat# [TT210002]).