

Recombinant Human EEF1B2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EEF1B2-5455H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EEF1B2 MS Standard C13 and N15-labeled recombinant protein (NP_066944) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	24.8 kDa
AA Sequence	MGFGDLKSPAGLQVLNDYLADKSYIEGYVPSQADVAVFEAVSSPPPADLCHALRWY NHIKSYEKEKASLPGVKKALGKYGPADVEDTTGSGATDSKDDDDIDLFGSDDEEES EAKRLREERLAQYESKKAKKPALVAKSSILLDVKPWDEETDMAKLEECVRSIQADGL VWGSSKLVPVGYGIKKLQICVVEDDKVGTDMLEEQITAFEDYVQSMDDAAAFNKITR TRPLEQKLISEEDLAANDILDYKDDDDKV
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.

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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	EEF1B2 eukaryotic translation elongation factor 1 beta 2 [Homo sapiens (human)]
Official Symbol	EEF1B2
Synonyms	EEF1B2; eukaryotic translation elongation factor 1 beta 2; elongation factor 1-beta; EF-1-beta; eukaryotic translation elongation factor 1 beta 1; EF1B; EEF1B; EEF1B1;
Gene ID	1933
mRNA Refseq	NM_021121
Protein Refseq	NP_066944
MIM	600655
UniProt ID	P24534

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SDS-PAGE

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