

Active Recombinant Full Length Human EEF1B2 Protein, C-Flag-tagged

Cat. No. EEF1B2-460HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human EEF1B2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Biolayer interferometry (BLI) assay
Molecular Mass	24.6 kDa
AA Sequence	MGFGDLKSPAGLQVLNDYLADKSYIEGYVPSQADVAVFEAVSSPPPADLCHALRWY NHIKSYEKEKASLP GVKKALGKYGPADVEDTTGSGATDSKDDDDIDLFSGDDEEES EEAKRLREERLAQYESKKAKKPALVAKS SILLDVKPWDDETDMAKLEECVRSIQAD GLVWGSSKLVPVGYGIKKLQIQCVVEDDKVGTDMLEEQITAF EDYVQSM DVAAFNKITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

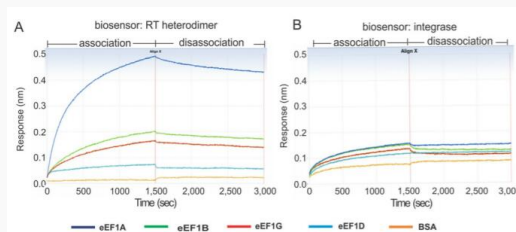
GENE INFORMATION

Gene Name	EEF1B2 eukaryotic translation elongation factor 1 beta 2 [Homo sapiens (human)]
Official Symbol	EEF1B2
Synonyms	EF1B; EEF1B; EEF1B1
Gene ID	1933
mRNA Refseq	NM_001959.4
Protein Refseq	NP_001950.1
MIM	600655
UniProt ID	P24534

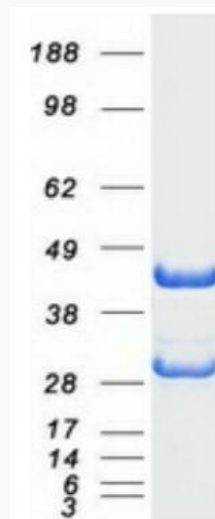
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Biolayer interferometry assays (BLI) of a biotinylated HIV RTp66/p51-loaded or integraseloaded biosensor with 60 nM of purified eEF1A, eEF1B, eEF1D, eEF1G or BSA as analytes.



Coomassie blue staining of purified EEF1B2 protein.