Recombinant Human EEF2, MYC/DDK-tagged

Cat. No. EEF2-859H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EEF2 fused with C-terminal MYC/DDK, was expressed in HEK293 Cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosporylation.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	95.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	EEF2 eukaryotic translation elongation factor 2 [Homo sapiens(human)]
Official Symbol	EEF2
Synonyms	EEF2; EF2; EF-2; EEF-2; eukaryotic translation elongation factor 2; elongation factor 2; polypeptidyl-tRNA translocase
Gene ID	1938
mRNA Refseq	NM_001961
Protein Refseq	NP_001952
MIM	130610
UniProt ID	P13639
Chromosome Location	19p13.3
Pathway	AMPK signaling; BDNF signaling pathway; Eukaryotic Translation Elongation
Function	GTP binding; GTPase activity; translation elongation factor activity

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