

Recombinant Human EIF4E2 protein, Myc/DDK-tagged

Cat. No. EIF4E2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4E2 protein, fused to Myc/DDK-tag, was expressed in HEK293T. Protein Families: Transcription Factors. Protein Pathways: Insulin signaling pathway, mTOR signaling pathway.
Species	Human
Source	HEK293
Description	Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation. Acts as a repressor of translation initiation. In contrast to EIF4E, it is unable to bind eIF4G (EIF4G1, EIF4G2 or EIF4G3), suggesting that it acts by competing with EIF4E and block assembly of eIF4F at the cap (By similarity).
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.2 kDa
Product-Related Proteins	TA50011-100 LC401518 RC201391 LC401518 TA502403 RC201391

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Purity	> 80%
Usage	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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

GENE INFORMATION

Gene Name	EIF4E2 eukaryotic translation initiation factor 4E family member 2 [Homo sapiens (human)]
Official Symbol	EIF4E2
Synonyms	4E-LP; 4EHP; EIF4EL3; h4EHP; IF4e
Gene ID	9470
mRNA Refseq	NM_004846.4
Protein Refseq	NP_004837.1
MIM	605895
UniProt ID	O60573

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