

Recombinant Human EIF4E-Binding Protein 2/EIF4EBP2 Protein(N-6His)

Cat.NO.: TP05965

3th Edition

Synonyms:Eukaryotic Translation Initiation Factor 4E-Binding Protein 2; 4E-BP2; eIF4E-Binding Protein 2; EIF4EBP2

Description:Eukaryotic Translation Initiation Factor 4E-Binding Protein 2 (EIF4EBP2) is a member of the Eukaryotic Translation Initiation Factor 4E Binding Protein Family. EIF4EBP2 regulates eIF4E activity by preventing its assembly into the eIF4F complex, mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase pathway. This regulation of is associated to cell proliferation, cell differentiation and viral infection. Phosphorylated EIF4EBP2 on serine and threonine residues in response to insulin, EGF and PDGF.

Form:PBS

Molecular Weight:15.1 kDa

Sequences:Met 1-Ile120

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.