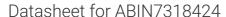
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elF4EBP2 Protein (His tag)



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Alternative Name:

Background:

Quantity:	50 μg
Target:	eIF4EBP2 (EIF4EBP2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This eIF4EBP2 protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human EIF4EBP2 Protein (His Tag)
Sequence:	Met 1-Ile120
Characteristics:	Recombinant Human Eukaryotic Translation Initiation Factor 4E-Binding Protein 2 is produced by our E.coli expression system and the target gene encoding Met1-Ile120 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Target Details	
Target:	eIF4EBP2 (EIF4EBP2)

Background: Eukaryotic Translation Initiation Factor 4E-Binding Protein 2 (EIF4EBP2) is a

member of the Eukaryotic Translation Initiation Factor 4E Binding Protein Family. EIF4EBP2

EIF4EBP2 (EIF4EBP2 Products)

Target Details

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.

Synonym: Eukaryotic Translation Initiation Factor 4E-Binding Protein 2, 4E-BP2, eIF4E-Binding Protein 2, EIF4EBP2

Molecular Weight: 15.1 kDa

UniProt:

Q13542

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0 .
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	samples are stable at < -20°C for 3 months.