

EIF4EBP1 抗原（重组蛋白）

中文名称： EIF4EBP1 抗原（重组蛋白）

英文名称： EIF4EBP1 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 4-118 amino acids of human EIF4EBP1

技术规格

Full name:	eukaryotic translation initiation factor 4E binding protein 1
Synonyms:	BP-1; 4EBP1; 4E-BP1; PHAS-I
Swissprot:	Q13541
Gene Accession:	BC004459
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes one member of a family of translation repress or proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation.