

EIF3L 抗原（重组蛋白）

中文名称：EIF3L 抗原（重组蛋白）

英文名称： EIF3L Antigen (Recombinant Protein)

别名： eukaryotic translation initiation factor 3 subunit L; EIF3EIP; EIF3S11; HSPC021; HSPC025; MSTP005; EIF3S6IP

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 365-564 amino acids of human EIF3L

技术规格：

Full name:	eukaryotic translation initiation factor 3 subunit L
Synonyms:	EIF3EIP; EIF3S11; HSPC021; HSPC025; MSTP005; EIF3S6IP
Swissprot:	Q9Y262
Gene Accession:	BC001101
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis (PubMed:17581632, PubMed:25849773, PubMed:27462815). The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA _i and eIF-5 to form the 43S pre-initiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of

the 40S and 60S ribosomal subunits prior to initiation (PubMed:17581632). The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation, including cell cycling, differentiation and apoptosis, and uses different modes of RNA stem-loop binding to exert either translational activation or repression (PubMed:25849773). (Microbial infection) In case of F CV infection, plays a role in the ribosomal termination-reinitiation event leading to the translation of VP2 (PubMed:18056426).