

EIF3H 抗原（重组蛋白）

中文名称： EIF3H 抗原（重组蛋白）

英文名称： EIF3H Antigen (Recombinant Protein)

别名： EIF3S3; eIF3-p40; eIF3-gamma

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to C terminal 300 amino acids of human EIF3H

技术规格：

Full name:	eukaryotic translation initiation factor 3, subunit H
Synonyms:	EIF3S3; eIF3-p40; eIF3-gamma
Swissprot:	O15372
Gene Accession:	BC000386
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Eukaryotic translation initiation factor 3 subunit H is a protein that in humans is encoded by the EIF3H gene. Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. 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 preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruit

ment 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.