

EIF2S2 抗原（重组蛋白）

中文名称： EIF2S2 抗原（重组蛋白）

英文名称： EIF2S2 Antigen (Recombinant Protein)

别名： eukaryotic translation initiation factor 2 subunit beta; EIF2; EIF2B; PPP1R67; EIF2beta; eIF-2-beta

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 134-333 amino acids of human EIF2S2

技术规格

Full name:	eukaryotic translation initiation factor 2 subunit beta
Synonyms:	EIF2; EIF2B; PPP1R67; EIF2beta; eIF-2-beta
Swissprot:	P20042
Gene Accession:	BC000461
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 2 (EIF-2) functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA and binding to a 40S ribosomal subunit. EIF-2 is composed of three subunits, alpha, beta, and gamma, with the protein encoded by this gene representing the beta subunit. The beta subunit catalyzes the exchange of GDP for GTP, which recycles the EIF-2 complex for another round of initiation. Multiple transcript variants encoding different isoforms have been found for this gene.