

EIF2AK3 抗原（重组蛋白）

中文名称： EIF2AK3 抗原（重组蛋白）

英文名称： EIF2AK3 Antigen (Recombinant Protein)

别名： PEK; WRS; PERK

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 867-1116 amino acids of human EIF2AK3

技术规格

Full name:	eukaryotic translation initiation factor 2 alpha kinase 3
Synonyms:	PEK; WRS; PERK
Swissprot:	Q9NZJ5
Gene Accession:	BC126354
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2, leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis. This protein is thought to modulate mitochondrial function. It is a type I membrane protein located in the endoplasmic reticulum (ER), where it is induced by ER stress caused by malformed proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome.