

RAE1 抗原（重组蛋白）

中文名称： RAE1 抗原（重组蛋白）

英文名称： RAE1 Antigen (Recombinant Protein)

别名： ribonucleic acid export 1; Gle2; MIG14; MRNP41; Mnrp41; dJ481F12.3; dJ800J21.1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 168-308 amino acids of human RAE1

技术规格

Full name:	ribonucleic acid export 1
Synonyms:	Gle2; MIG14; MRNP41; Mnrp41; dJ481F12.3; dJ800J21.1
Swissprot:	P78406
Gene Accession:	BC106923
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Mutations in the <i>Schizosaccharomyces pombe</i> Rae1 and <i>Saccharomyces cerevisiae</i> Gle2 genes have been shown to result in accumulation of poly(A)-containing mRNA in the nucleus, suggesting that the encoded proteins are involved in RNA export. The protein encoded by this gene is a homolog of yeast Rae1. It contains four WD40 motifs, and has been shown to localize to distinct foci in the nucleoplasm, to the nuclear rim, and to meshwork-like structures throughout the cytoplasm. This gene is thought to be involved in nucleocytoplasmic transport, and in directly or indirectly attaching cytoplasmic mRNPs to the cytoskeleton. Alternatively spliced transcript variants encoding the same protein have been found for this gene.