

RIMKLB 抗原（重组蛋白）

中文名称：RIMKLB 抗原（重组蛋白）

英文名称：RIMKLB Antigen (Recombinant Protein)

别名：NAAGS; FAM80B; NAAGS-I

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	ribosomal modification protein rimK-like family member B
Synonyms:	NAAGS; FAM80B; NAAGS-I
Swissprot:	Q9ULI2
Gene Accession:	BC033793
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	RIMKLB (ribosomal modification protein rimK-like family member B), also known as NAAGS (N-acetyl-aspartyl-glutamate synthetase B), beta-citryl-glutamate synthase B or FAM80B, is a 386 amino acid cytoplasmic protein that belongs to the rimK family. Acting as the catalyst in the synthesis of beta-citryl-glutamate and N-acetyl-aspartyl-glutamate, RIMKLB contains one ATP-grasp domain and exists as two alternatively spliced isoforms. The gene encoding RIMKLB maps to human chromosome

me 12, which encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders.