

CYFIP1 抗原（重组蛋白）

中文名称：CYFIP1 抗原（重组蛋白）

英文名称：CYFIP1 Antigen (Recombinant Protein)

别名：cytoplasmic FMR1 interacting protein 1; SHYC; SRA1; SRA-1; P140SRA-1

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1101-1253 amino acids of human CYFIP1

技术规格

Full name:	cytoplasmic FMR1 interacting protein 1
Synonyms:	SHYC; SRA1; SRA-1; P140SRA-1
Swissprot:	Q7L576
Gene Accession:	BC005097
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit is an adapter between EIF4E and FMR1. Promotes the translation repression activity of FMR1 in brain probably by mediating its association with EIF4E and mRNA (By similarity). Regulates formation of membrane ruffles and lamellipodia. Plays a role in axon outgrowth. Binds to F-actin but not to RNA. Part of the WAVE complex that regulates actin filament reorganization via its interaction with the Arp2/3 complex. Actin remodeling activity is regulated by RAC1. Regulator of epithelial morphogenesis. May act as an invasion sup

pressor in cancers.