

# Recombinant Human CYFIP1

Catalog No: #GP12843



Package Size: #GP12843-1 100ug

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## Description

Product Name	Recombinant Human CYFIP1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1101-1253 amino acids of human CYFIP1
Target Name	cytoplasmic FMR1 interacting protein 1
Other Names	SHYC; SRA1; SRA-1; P140SRA-1
Accession No.	Swissprot:Q7L576Gene Accession:BC005097
Uniprot	Q7L576
GeneID	23191;
Storage	-20~-80°C, pH 7.6 PBS

## 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 suppressor in cancers.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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