

Recombinant Human CYFIP1 Protein, GST-tagged

Cat. No. CYFIP1-2228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYFIP1 partial ORF (NP_055423.1, 735 a.a. - 819 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that regulates cytoskeletal dynamics and protein translation. The encoded protein is a component of the WAVE regulatory complex (WRC), which promotes actin polymerization. This protein also interacts with the Fragile X mental retardation protein (FMRP) and translation initiation factor 4E to inhibit protein translation. A large chromosomal deletion including this gene is associated with increased risk of schizophrenia and epilepsy in human patients. Reduced expression of this gene has been observed in various human cancers and the encoded protein may inhibit tumor invasion. [provided by RefSeq, May 2017]
Molecular Mass	35.09 kDa
AA Sequence	GATIHLPSPNRYETLLKQRHVQLLGRSIDLNRLITQRVSAAMYKSLELAIGRFESDLT SIVELDGLLEINRMTHKLLSRYLTLD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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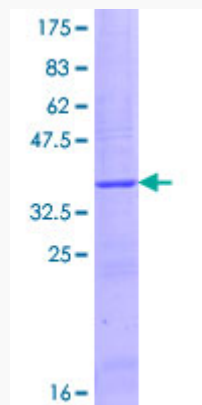
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CYFIP1 cytoplasmic FMR1 interacting protein 1 [Homo sapiens]
Official Symbol	CYFIP1
Synonyms	CYFIP1; cytoplasmic FMR1 interacting protein 1; cytoplasmic FMR1-interacting protein 1; cytoplasmic FMRP interacting protein 1; KIAA0068; P140SRA 1; selective hybridizing clone; SHYC; sra-1; specifically Rac1-associated protein 1; SRA1; P140SRA-1; FLJ45151;
Gene ID	23191
mRNA Refseq	NM_001033028
Protein Refseq	NP_001028200
MIM	606322
UniProt ID	Q7L576

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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