Human CYFIP1 Knockdown Cell Lysate

Cat. No. CYFIP1-132HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CYFIP1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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 synaptic functional regulator FMR1 protein 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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	145 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CYFIP1 KD HeLa cell lysate
Protein Pathways	Regulation of actin cytoskeleton
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CYFIP1 cytoplasmic FMR1 interacting protein 1 [Homo sapiens (human)]
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA