

Recombinant Human TRPS1 lysate, MYC/DDK-tagged

Cat. No. TRPS1-839HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Transient overexpression lysate of trichorhinophalangeal syndrome I (TRPS1) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a transcription factor that represses GATA-regulated genes and binds to a dynein light chain protein. Binding of the encoded protein to the dynein light chain protein affects binding to GATA consensus sequences and suppresses its transcriptional activity. Defects in this gene are a cause of tricho-rhino-phalangeal syndrome (TRPS) types I-III.
Molecular Mass	142.8 kDa
Usage	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer 1 vial of 250 µL 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Stability	Lysate samples are stable for 12 months from the date of receipt when stored at -80 centigrade.
Storage	Upon receiving, store the sample at -80 centigrade. Also after dilution, the protein sample should be aliquoted and stored at -80 centigrade for long term storage. Avoid

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repeated freeze-thaw cycles.

Reconstitution Lysate samples can be diluted with 2xSDS Sample Buffer provided.

Shipping The lysate is shipped with dry ice.

GENE INFORMATION

Gene Name [TRPS1 transcriptional repressor GATA binding 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [TRPS1](#)

Synonyms TRPS1; transcriptional repressor GATA binding 1; GC79; LGCR; zinc finger transcription factor Trps1; tricho-rhino-phalangeal syndrome type I protein; trichorhinophalangeal syndrome I; zinc finger protein GC79

Gene ID [7227](#)

mRNA Refseq [NM_014112](#)

Protein Refseq [NP_054831](#)

MIM [604386](#)

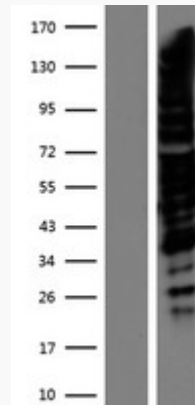
UniProt ID [Q9UHF7](#)

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**Western blot
validation of
overexpression
lysate using anti-
DDK antibody.**



Left: Cell lysates from un-transfected HEK293T cells;
Right: Cell lysates from HEK293T cells transfected with RC215856 using
transfection reagent MegaTran 2.0.

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