

Human IQGAP2 Knockdown Cell Lysate

Cat. No. IQGAP2-007HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated IQGAP2 Knockdown 293T Cell Lysate
Species	Human
Source	293T
Description	This gene encodes a member of the IQGAP family. The encoded protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. This protein interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. It also acts as a tumor suppressor and has been found to play a role in regulating innate antiviral responses. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	181 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type 293T 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 293T cell lysate 1 vial of 100 µg IQGAP2 KD 293T cell lysate
Protein Families	Druggable Genome
Protein Pathways	Regulation of actin cytoskeleton
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	IQGAP2 IQ motif containing GTPase activating protein 2 [Homo sapiens (human)]
Official Symbol	IQGAP2
Synonyms	IQGAP2; IQ motif containing GTPase activating protein 2; ras GTPase-activating-like protein IQGAP2;
Gene ID	10788
mRNA Refseq	NM_006633
Protein Refseq	NP_006624
MIM	605401
UniProt ID	Q13576

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