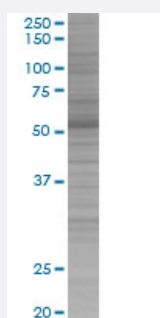


RAPGEF5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009771-T01

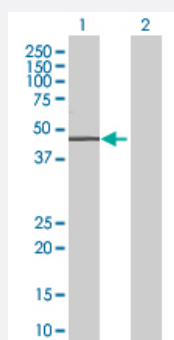
Size 100 uL

Applications



SDS-PAGE Gel

RAPGEF5 transfected lysate.



Western Blot

Lane 1: RAPGEF5 transfected lysate (48.95 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RAPGEF5 full-length
Host	Human
Theoretical MW (kDa)	48.95
Interspecies Antigen Sequence	Mouse (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RAPGEF5 antibody ([H00009771-B01](#)) by Western Blots.
SDS-PAGE Gel
RAPGEF5 transfected lysate.
Western Blot
Lane 1: RAPGEF5 transfected lysate (48.95 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RAPGEF5

Entrez GeneID[9771](#)**GeneBank Accession#**[BC039203](#)**Protein Accession#**[AAH39203](#)**Gene Name**

RAPGEF5

Gene Alias

GFR, KIAA0277, MR-GEF, REPAC

Gene Description

Rap guanine nucleotide exchange factor (GEF) 5

Omim ID[609527](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Members of the RAS (see HRAS; MIM 190020) subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as RAPGEF5, serve as RAS activators by promoting acquisition of GTP to maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation (Rebhun et al., 2000 [PubMed 10934204]).[supplied by OMIM]

Other Designations

M-Ras-regulated GEF|guanine nucleotide exchange factor for Rap1

Disease

- [Tobacco Use Disorder](#)