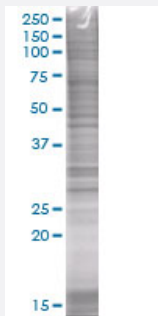


GAJ 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084057-T01

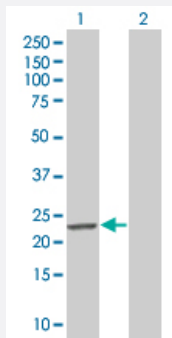
Size 100 uL

Applications



SDS-PAGE Gel

GAJ transfected lysate



Western Blot

Lane 1: GAJ transfected lysate (22.66 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GAJ full-length
Host	Human
Theoretical MW (kDa)	22.66
Interspecies Antigen Sequence	Mouse (90); Rat (88)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GAJ antibody ([H00084057-B01](#)) by Western Blots.
 SDS-PAGE Gel
 GAJ transfected lysate
 Western Blot
 Lane 1: GAJ transfected lysate (22.66 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 — MND1

Entrez GeneID

[84057](#)

GeneBank Accession#

[BC032142](#)

Protein Accession#

[AAH32142](#)

Gene Name

MND1

Gene Alias

GAJ

Gene Description

meiotic nuclear divisions 1 homolog (S. cerevisiae)

Omim ID

[611422](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The product of the MND1 gene associates with HOP2 (MIM 608665) to form a stable heterodimeric complex that binds DNA and stimulates the recombinase activity of RAD51 (MIM 179617) and DMC1 (MIM 602721) (Chi et al., 2007 [PubMed 17639080]). Both the MND1 and HOP2 genes are indispensable for meiotic recombination.[supplied by OMIM]

Other Designations

GAJ protein|homolog of yeast MND1

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)