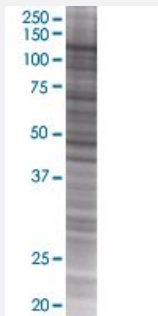


SEC23IP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00011196-T02

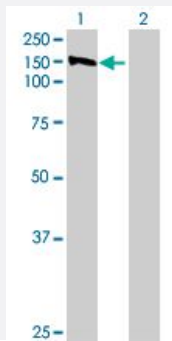
Size 100 uL

Applications



SDS-PAGE Gel

SEC23IP transfected lysate.



Western Blot

Lane 1: SEC23IP transfected lysate (111.1 KDa)

Lane 2: Non-transfected lysate.

Specification

| | |
|-------------------------------|--------------------------|
| Transfected Cell Line | 293T |
| Plasmid | pCMV-SEC23IP full-length |
| Host | Human |
| Theoretical MW (kDa) | 111.1 |
| Interspecies Antigen Sequence | Mouse (86); Rat (87) |

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SEC23IP antibody ([H00011196-B02](#)) by Western Blots.
SDS-PAGE Gel
SEC23IP transfected lysate.
Western Blot
Lane 1: SEC23IP transfected lysate (111.1 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 — SEC23IP

Entrez GeneID[11196](#)**GeneBank Accession#**[NM_007190](#)**Protein Accession#**[NP_009121](#)**Gene Name**

SEC23IP

Gene Alias

MSTP053, P125

Gene Description

SEC23 interacting protein

Gene Ontology[Hyperlink](#)**Gene Summary**

COPII-coated vesicles are involved in protein transport from the endoplasmic reticulum to the Golgi apparatus. The protein encoded by this gene was identified by its interaction with a mouse protein similar to yeast Sec23p, an essential component of the COPII. This protein shares significant similarity with phospholipid-modifying proteins, especially phosphatidic acid preferring-phospholipase A1. Overexpression of this protein has been shown to cause disorganization of the endoplasmic reticulum-Golgi intermediate compartment and Golgi apparatus, which suggests its role in the early secretory pathway. [provided by RefSeq]

Other Designations

OTTHUMP00000020613|Sec23-interacting protein p125|phospholipase

Disease

- [Alzheimer Disease](#)
- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)