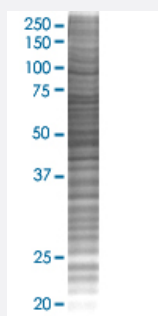


STIP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010963-T02

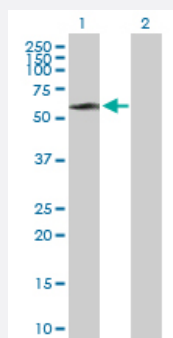
Size 100 uL

Applications



SDS-PAGE Gel

STIP1 transfected lysate.



Western Blot

Lane 1: STIP1 transfected lysate (62.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-STIP1 full-length
Host	Human
Theoretical MW (kDa)	62.6
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-STIP1 antibody ([H00010963-B01P](#)) by Western Blots.
 SDS-PAGE Gel
 STIP1 transfected lysate.
 Western Blot
 Lane 1: STIP1 transfected lysate (62.60 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 — STIP1

Entrez GeneID

[10963](#)

GeneBank Accession#

[NM_006819](#)

Protein Accession#

[NP_006810.1](#)

Gene Name

STIP1

Gene Alias

HOP, IEF-SSP-3521, P60, STI1, STI1L

Gene Description

stress-induced-phosphoprotein 1

Omim ID

[605063](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70. STIP1 also stimulates the ATPase activity of HSP70 and inhibits the ATPase activity of HSP90, suggesting that it regulates both the conformations and ATPase cycles of these chaperones (Song and Ma, 2005 [PubMed 16100115]).[supplied by OMIM]

Other Designations

Hsp70/Hsp90-organizing protein|stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)

Pathway

- [Prion diseases](#)

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)