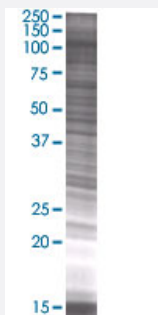


BUB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000699-T01

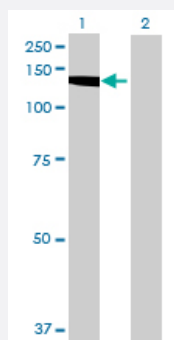
Size 100 uL

Applications



SDS-PAGE Gel

BUB1 transfected lysate.



Western Blot

Lane 1: BUB1 transfected lysate (119.46 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-BUB1 full-length

Host Human

Theoretical MW (kDa) 119.46

Quality Control Testing Transient overexpression cell lysate was tested with Anti-BUB1 antibody ([H00000699-B01](#)) by Western Blots.
 SDS-PAGE Gel
 BUB1 transfected lysate.
 Western Blot
 Lane 1: BUB1 transfected lysate (119.46 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 — BUB1

Entrez GeneID	699
GeneBank Accession#	NM_004336.2
Protein Accession#	NP_004327.1
Gene Name	BUB1
Gene Alias	BUB1A, BUB1L, hBUB1
Gene Description	budding uninhibited by benzimidazoles 1 homolog (yeast)
Omim ID	602452
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a kinase involved in spindle checkpoint function. The kinase functions in part by phosphorylating a member of the mitotic checkpoint complex and activating the spindle checkpoint. Mutations in this gene have been associated with aneuploidy and several forms of cancer. [provided by RefSeq]
Other Designations	BUB1 budding uninhibited by benzimidazoles 1 homolog budding uninhibited by benzimidazoles 1 mitotic spindle checkpoint kinase putative serine/threonine-protein kinase

Pathway

- [Cell cycle](#)

Disease

- [Alcoholism](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Conduct Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)