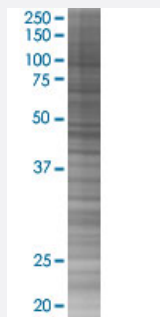


HSP90AB1 293T Cell Transient Overexpression Lysate(Denatured)

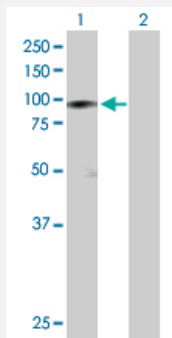
Catalog # H00003326-T02 Size 100 uL

Applications



SDS-PAGE Gel

HSP90AB1 transfected lysate.



Western Blot

Lane 1: HSP90AB1 transfected lysate (83.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HSP90AB1 full-length
Host	Human
Theoretical MW (kDa)	83.3
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HSP90AB1 antibody ([H00003326-D01P](#)) by Western Blots.
SDS-PAGE Gel
HSP90AB1 transfected lysate.
Western Blot
Lane 1: HSP90AB1 transfected lysate (83.30 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 — HSP90AB1

Entrez GeneID

[3326](#)

GeneBank Accession#

[NM_007355.2](#)

Protein Accession#

[NP_031381.2](#)

Gene Name

HSP90AB1

Gene Alias

D6S182, FLJ26984, HSP90-BETA, HSP90B, HSPC2, HSPCB

Gene Description

heat shock protein 90kDa alpha (cytosolic), class B member 1

Omim ID

[140572](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1 (MIM 140571), an inducible form, and HSP90AB1, a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1; MIM 191175) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM]

Other Designations

OTTHUMP00000016517|OTTHUMP00000016518|OTTHUMP00000016519|OTTHUMP00000039869|heat shock 90kD protein 1, beta|heat shock 90kDa protein 1, beta|heat shock protein beta

Pathway

- [Antigen processing and presentation](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Kidney Failure](#)
- [Occupational Diseases](#)