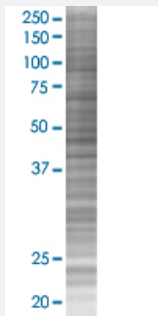


HSPB8 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00026353-T02

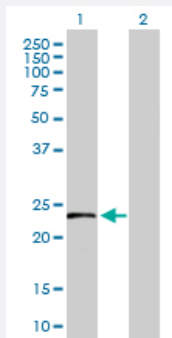
Size 100 uL

Applications



SDS-PAGE Gel

HSPB8 transfected lysate.



Western Blot

Lane 1: HSPB8 transfected lysate (21.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HSPB8 full-length
Host	Human
Theoretical MW (kDa)	21.6
Interspecies Antigen Sequence	Mouse (94); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HSPB8 antibody ([H00026353-B01P](#)) by Western Blots.
SDS-PAGE Gel
HSPB8 transfected lysate.
Western Blot
Lane 1: HSPB8 transfected lysate (21.60 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 — HSPB8

Entrez GeneID[26353](#)**GeneBank Accession#**[NM_014365.2](#)**Protein Accession#**[NP_055180.1](#)**Gene Name**

HSPB8

Gene Alias

CMT2L, DHMN2, E2IG1, H11, HMN2, HMN2A, HSP22

Gene Description

heat shock 22kDa protein 8

Omim ID[158590](#) [608014](#) [608673](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. [provided by RefSeq]

Other Designations

E2-induced gene 1|heat shock 27kDa protein 8|heat shock protein beta-8|protein kinase H11|small stress protein-like protein HSP22

Disease

- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)