

Product datasheet for **LY300011**

Hsp22 (HSPB8) Human Knockdown Lysate

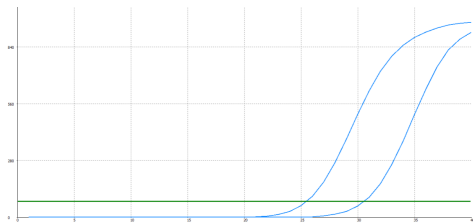
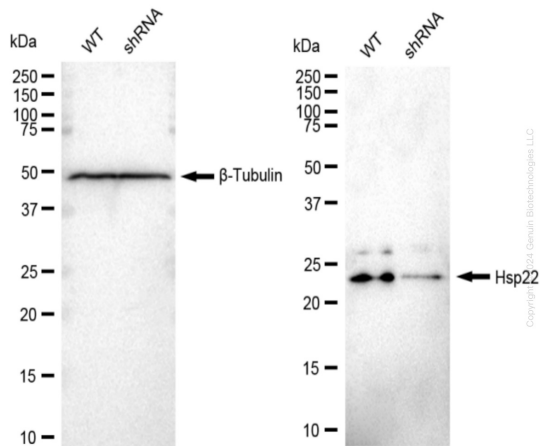
Product data:

Product Type:	Knockdown Lysates
Description:	WB-validated HSPB8 Knockdown 293T Cell Lysate
Species:	Human
Expression Host:	293T
Tag:	Tag Free
Synonyms:	HSPB8; Heat Shock Protein Family B (Small) Member 8; E2IG1; HSP22; CMT2L; H11; Small Stress Protein-Like Protein HSP22; Heat Shock 27kDa Protein 8; Heat Shock 22kDa Protein 8; Heat Shock Protein Beta-8; E2-Induced Gene 1 Protein; Alpha-Crystallin C Chain; Protein Kinase H11; HSPB8-N1; HSPB8-N2; DHMN2; HMN2A; CRYAC; HspB8; HMN2
Predicted MW:	22 kDa
Components:	1 vial of 100 ug WT 293T cell lysate 1 vial of 100 ug HSPB8 KD 293T cell lysate
Storage:	Store at -20 °C for two years.
Concentration:	Lot-specific
Buffer:	IntactProtein Cell-Tissue Lysis buffer
Locus ID:	26353
UniProt ID:	Q9UJY1
Protein Families:	Druggable Genome, Protein Kinase



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Product images:



Genotype	Ct Value
Wild-Type	25.24
Knock-Down	30.23
$\Delta Ct (Ct_{KD} - Ct_{WT})$	4.99
% mRNA Reduction	↓ 97%

RT-qPCR analysis. 293T cells were infected with HSPB8-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers. $\Delta Ct (Ct_{KD} - Ct_{WT})$ was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula: $(1 - 1/2^{\Delta Ct}) \times 100\%$.