Recombinant Human HSPB9 293 Cell Lysate

Cat. No. HSPB9-5344HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for heat shock protein, alpha-crystallin-related, B9 (HSPB9) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	HSPB9 heat shock protein, alpha-crystallin-related, B9 [Homo sapiens]
Official Symbol	HSPB9
Synonyms	HSPB9; heat shock protein, alpha-crystallin-related, B9; heat shock protein beta-9; cancer/testis antigen 51; CT51; small heat shock protein B9; FLJ27437;
Gene ID	94086
mRNA Refseq	NM_033194
Protein Refseq	NP_149971
MIM	608344
UniProt ID	Q9BQS6
Chromosome Location	17q21
Function	protein binding;

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