

Datasheet for ABIN2723110  
**HSP27 Protein (Myc-DYKDDDDK Tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	20 µg
Target:	HSP27 (HSPB1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSP27 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human HSPB1 / HSP27 protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	HSP27 (HSPB1)
Alternative Name:	Hspb1,hsp27 ( <a href="#">HSPB1 Products</a> )
Background:	The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN).

## Target Details

Molecular Weight:	22.6 kDa
NCBI Accession:	<a href="#">NP_001531</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a> , <a href="#">VEGF Signaling</a>

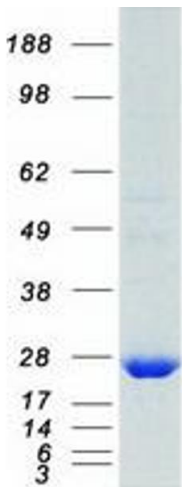
## Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

## Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images



### Western Blotting

**Image 1.** Validation with Western Blot