

Datasheet for ABIN7558216  
**SHQ1 Protein (AA 1-569) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SHQ1
Protein Characteristics:	AA 1-569
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHQ1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Shq1 Protein expressed in mammalien cells.
Sequence:	<p>MLTPAFELTQ DCDFLTVAIR VPHARASEFD VYFEGVDFKF YAKPYFLRLT LPGRIVENGS            EQGTYDADKG IFTIRLPKET PGQHFEGGLNM LTALLAPRKS RSAKPLVEEI GASGVAEEGA            DDEDEEFDWE IEQTPYEEVS ESTLQSQCHY GFGNLRAGVV QRLQDELSEV IDIKDPDFTP            VTERRQKRLA AELAKFDPDH YLADFFEDIA VEQILKYSPW WNDHAEMVA SLGKNQEQGD            SAALVSFSEE EKYQLRKFN KSYLLDKTAH RQVYYGLVDI LLAYCYEVRV TEGEHSVESA            WTIRKLSPTL CWFETWTDVH EILVSFGRRV LCYPLYRHFV LVLKAYRDTI KILQLGKSAV            LKCLLDVHKV FQENDPAYIL NDLYISDYCV WIQKAKSKKL AALTEALKAV SLSKAQLGLE            LPELEAAALL VQEEEGAGRA AQCNPESHQAP HSSPEPSDSD STSSSGTEDS ASEQEEPAGT            QPSLLTSLQA PLLEEDSALI IRESGLCRNM ASQGCEVSQG QPLASARAPL IEELGDALKM            LRVSTPHGVS AGSHGSVEDA EERGQVPCD <b>Sequence without tag. The proposed Purification-            Tag is based on experiences with the expression system, a different complexity of the</b></p>

## Product Details

---

**protein could make another tag necessary. In case you have a special request, please contact us.**

---

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

---

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

---

### Grade:

custom-made

---

## Target Details

---

### Target:

SHQ1

---

### Alternative Name:

Shq1 ([SHQ1 Products](#))

---

### Background:

Protein SHQ1 homolog,FUNCTION: Required for the quantitative accumulation of H/ACA ribonucleoproteins (RNPs), including telomerase, probably through the stabilization of DKC1, from the time of its synthesis until its association with NOP10, NHP2, and NAF1 at the nascent H/ACA RNA. {ECO:0000250}.

---

### Molecular Weight:

63.5 kDa

---

### UniProt:

[Q7TMX5](#)

---

### Pathways:

[Ribonucleoprotein Complex Subunit Organization](#)

---

## Application Details

---

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Buffer: The buffer composition is at the discretion of the manufacturer.

---

Handling Advice: Avoid repeated freeze-thaw cycles.

---

Storage: -80 °C

---

Storage Comment: Store at -80°C.

---

Expiry Date: 12 months

---