

Datasheet for ABIN7546241  
**SHQ1 Protein (AA 1-577) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SHQ1
Protein Characteristics:	AA 1-577
Origin:	Human
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 mammalian cells.
Sequence:	<p>MLTPAFDLSQ DPDFLTIAIR VPYARVSEFD VYFEGSDFKF YAKPYFLRLT LPGRIVENG  EQGSYDADKG IFTIRLPKET PGQHFEGGLNM LTALLAPRKS RTAKPLVEEI GASEIPEEVV  DDEEFDWEIE QTPCEEVSES ALNPQCHYGF GNLRSGVLQR LQDELSVID IKDPDFTPAA  ERRQKRLAAE LAKFDPDHYL ADFFEDEAIE QILKYNPWWT DKYSKMMMAFL EKSQEENHA  TLVSFSEEEK YQLRKFNKS YLLDKRACRQ VCYSIDILL AYCETRTE GEKNVESAWN  IRKLSPTLCW FETWTNVHDI MVSFGRRLVLC YPLYRHFGLV MKAYRDTIKI LQLGKSAVLK  CLLDIHKIFQ ENDPAYILND LYISDYCVWI QKVKSKKLA LAEALKEVSL TKAQLGLELE  ELEAAALLVQ EEETALKAAH SVSGQQLCS SSEASDSEDS DSSVSSGNED SGSDSEQDEL  KDSPSETVSS LQGPFLSESS AFLIVDGGVR RNTAIQESDA SQGKPLASSW PLGVSGPLIE  ELGEQLKTTV QVSEPKGTTA VNRSNIQERD GCQTPNN <b>Sequence without tag. The proposed  Purification-Tag is based on experiences with the expression system, a different complexity</b></p>

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

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### 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.

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### Purity:

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

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### Grade:

custom-made

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## Target Details

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### Target:

SHQ1

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### Alternative Name:

SHQ1 ([SHQ1 Products](#))

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### 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:0000269|PubMed:19383767, ECO:0000269|PubMed:34542157}.

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### Molecular Weight:

65.1 kDa

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### UniProt:

[Q6PI26](#)

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### Pathways:

[Ribonucleoprotein Complex Subunit Organization](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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