

Datasheet for ABIN7563346  
**HCLS1 Protein (AA 1-486) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HCLS1
Protein Characteristics:	AA 1-486
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HCLS1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Hcls1 Protein expressed in mammalien cells.
Sequence:	MWKSVMGHDV SVSVETQGDD WDTDPDFVND ISEKEQRWGA KTIEGSGRTE HINIHQLRNK VSEEHDLKK KELESGPKAS HGYGGRFGVE RDRMDKSAVG HEYVADVEKH SSQTDAARGF GGKYGVERDR ADKSAVGFDY KGEVEKHASQ KDYSHGFGGR YGVEKDKRDK AALGYDYKGE TEKHESQRDY AKGFGGQYGI QKDRVDKSAV GFNEMEAPTT AYKKTTPIEA ASSGARGLKA KFESLAEER KREEEKAQQ MARQQERKA VVKMSREVQQ PSMPVEEPAA PAQLPKKISS EVWPPAESHL PPESQPVRSR REYPVPSLPT RQSPLQNHLE DNEEPPALPP RTPEGLQVVE EPVYEAPEL EPEPEPDYEP EPETEPDYED VGELDRQDED AEGDYEDVLE PEDTPSLSYQ AGPSAGAGGA GISAIALYDY QGEGSDELSF DPDDIITDIE MVDEGWWRGQ CRGHFGLFPA NYVKLL <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>

## Product Details

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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

## Target Details

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### Target:

HCLS1

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### Alternative Name:

Hcls1 ([HCLS1 Products](#))

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### Background:

Hematopoietic lineage cell-specific protein (Hematopoietic cell-specific LYN substrate 1) (LckBP1),FUNCTION: Substrate of the antigen receptor-coupled tyrosine kinase. Plays a role in antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. May also be involved in the regulation of gene expression (By similarity). {ECO:0000250}.

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### Molecular Weight:

54.2 kDa

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### UniProt:

[P49710](#)

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### Pathways:

[Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Regulation of Actin Filament Polymerization](#), [Myometrial Relaxation and Contraction](#), [Maintenance of Protein Location](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

## Application Details

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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

## Handling

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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