

Datasheet for ABIN7562840  
**KRT8 Protein (AA 1-490) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KRT8
Protein Characteristics:	AA 1-490
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT8 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Krt8 Protein expressed in mammalian cells.
Sequence:	<p>MSIRVTQKSY KMSTSGPRAF SSRSFTSGPG ARISSSSF SR VGSSSSFRG SMGTGVGLGG FGGAGVGGIT AVTVNQSLLS PLKLEVDPNI QAVRTQEKEQ IKSLNKFAS FIDKVRFLEQ QNKMLETKWS LLQQQKTSRS NMDNMFESYI NNLRRQLEAL GQEKLEAE LGNMQGLVED FKNKYEDEIN KRTEMENEFV LIKKDVDEAY MNKVELESRL EGLTDEINFL RQIHEEEIRE LQSQISDTSV VLSMDNSRSL DMDGIAEVR AQYEDIANRS RAEAETMYQI KYEELQTLAG KHGDDLRRTK TEISEMNRNI NRLQAEIEAL KGQRASLEAA IADAEQRGEM AIKDAQTKLA ELEAALQRAK QDMARQLREY QELMNVKLAL DIEITTYRKL LEGEESRLES GMQNMSIHTK TTSGYSGGLS SSYGGLTSPG FSYGMSSFQP GFGSAGGSNT FSRTTKAVVV KKIETRDGKL VSESSDVSK <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></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

KRT8

### Alternative Name:

Krt8 ([KRT8 Products](#))

### Background:

Keratin, type II cytoskeletal 8 (Cytokeratin endo A) (Cytokeratin-8) (CK-8) (Keratin-8) (K8) (Type-II keratin Kb8),FUNCTION: Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. {ECO:0000250}.

### Molecular Weight:

54.6 kDa

### UniProt:

[P11679](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

### 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