

Datasheet for ABIN7557821  
**KRT12 Protein (AA 1-487) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KRT12
Protein Characteristics:	AA 1-487
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT12 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Krt12 Protein expressed in mammalian cells.
Sequence:	<p>MSLSVCTSAL SRRSSSQNGA AGRPWGASAS SVAGGYGGSA SGFGVGCGL FSAASMFGSS            SGFSGGSAGC LPGLGSAYGG PLRGGAGGMG IGMGIAGSSG GGLCIFSGN DGLLSGSEK            ETMQNLNDRL ASYLGKVRSL EEANAELNKK IREWYETRRT RDAGSQSDYS KYYPLIEDLK            NKIVSARVSN AQLLLQIDNA RLAAEDFRMK YENELALRQT VEADINGLRR VLDELTLTRA            DLEAQLETLT EELAYMKKNH EEELQSFQAG GPGEVNVEMD AAPGVDLTKV LNMRAQYEA            MAEQNRKDAE AWFLEKSGEL RKEISSNTEQ LQSSKSEVTD LKRMVQNLEI ELQSQLAMKS            SLEGLAETE GGYCCQLSQV QQLIGSLEEQ LQQVRADAER QNADHQRLG VKARLEMEIE            TYRRLLGDS QGDGFDESSS LSVSKPQTPS VDSSKDPNKT RKIKTVVQEI VNGEVVSSQV            QELEEEM <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>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul>
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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
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Grade:	custom-made
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## Target Details

Target:	KRT12
Alternative Name:	Krt12 ( <a href="#">KRT12 Products</a> )
Background:	Keratin, type I cytoskeletal 12 (Cytokeratin-12) (CK-12) (Keratin-12) (K12),FUNCTION: Involved in corneal epithelium organization, integrity and corneal keratin expression. {ECO:0000269 PubMed:8977471}.
Molecular Weight:	52.5 kDa
UniProt:	<a href="#">Q64291</a>

## 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.
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Restrictions:	For Research Use only
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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