

Datasheet for ABIN7558599

Keratin 75 Protein (KRT75) (AA 1-551) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Keratin 75 (KRT75)
Protein Characteristics:	AA 1-551
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 75 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Krt75 Protein expressed in mammalien cells.
Sequence:	MSRQSTITFH SGSRRGFSTA SATTPTAGRS RFSSVSVARS SGNSGGLGRI SGIGSGFGSR SLYNLGGTRR VSIGGCAGSG FRGGFGGRTS SGFGGSSGFA YGGGIGGGFG GPGFSVCPSG GIQEVTVNQS LLTPLNLQID PTIQRVRKEE REQIKTLNKK FASFDKVRV LEQQNKVLET KWNLLQEQGS RTVRQNLEPF FDTYVNDLRR QLDGITAERG RLDAELRNMQ EVVEDFKVRY EDEINKRAAA ENFVGLKGD VDSAYMNKVE LEAKVDSLTD QINFYRMIYE AELSQMKNQV SDTSVVLSDM NNRSLLDSI IAEVKAQYED IANRSRAEAE SWYQTKYEEL QVTAGRHGDD LRNTKQEISE MNRMIQLRS EIDAVKKQCS SLQTAISDAE QRGELALKDA RAKLMELEDA LQKAKQDMAR LLREYQELMN VKLALDVEIA TYRKLLEGEE CRLSGEGVSP VNISVVTSTV SSGYGGGANI GGGSLGLGGN SGYSFTTSGG HSLGTGLGGS GFTTTSSRGP VGSGSSIKFV SSTSSRKSYP H Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

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:

Keratin 75 (KRT75)

Alternative Name:

Krt75 ([KRT75 Products](#))

Background:

Keratin, type II cytoskeletal 75 (Cytokeratin-75) (CK-75) (Keratin-6 hair follicle) (mK6hf) (Keratin-75) (K75) (Type II keratin-K6hf) (Type-II keratin Kb18),FUNCTION: Plays a central role in hair and nail formation. Essential component of keratin intermediate filaments in the companion layer of the hair follicle (By similarity). {ECO:0000250, ECO:0000269|PubMed:17851587}.

Molecular Weight:

59.7 kDa

UniProt:

[Q8BGZ7](#)

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.

Application Details

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