

Datasheet for ABIN7557291

Cytokeratin 2 Protein (AA 1-594) (His tag)



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Overview

Quantity:	1 mg
Target:	Cytokeratin 2 (KRT76)
Protein Characteristics:	AA 1-594
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Krt76 Protein expressed in mammalian cells.
Sequence:	MSRQACKKSF SCGSQGFSGH SAVVSGSSRS SCVARSGAAS GGACGFRSGA GSLGSHSLYS LGGSKSISIS VAAGGSRAGG FSGGRSSCGS GFGSGYGGSL GGSRGMGAGF GGPSGFGGAG GFGRPGSFGP GSCPGGIQEV TINQSLQPL NVEIDPQIQV VKAQEREQIK TLNNKFASFI DKVRFLEQQN KVLETKWELL QQQTIRSGSG PQNLEPFFES YISCLRKQLD SLLGAKGSLE GELKSMQDLV EDFKKKYEEE INRRTAAENE FVGLKKDVDG AFMNKVELQA KVDSLTDIN FLRTLDMEL SSIQSHVSDT SVVLSMDNNR CLDLDSIIAE VKAQYEDIAQ KSKAEAEALY QTKLGELQTT AGRHGDDLRS TKSEIMDLNR MIQRLRAEIE NVKKQNTNMQ TSIAEAEQRG ERALKDADTK FQDLQVALQK AKEDMARLLK EYQELMNVKL ALDVEIATYR KLLGEEECRL SGEFQNAVSI SVSNTVSTS SSGSFRGTGG SNYGGDSSGR SGGSSSSSSR GSSSRGSSGS RLGSGGSISV SQQRMGFNSG GSQTSVGSY KSGRGGSSSV QFSQTTSSSQ QRSK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression

Product Details

system, a different complexity of the protein could make 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:

Cytokeratin 2 (KRT76)

Alternative Name:

Krt76 ([KRT76 Products](#))

Background:

Keratin, type II cytoskeletal 2 oral (Keratin-76) (K76) (Type-II keratin Kb9),FUNCTION: Probably contributes to terminal cornification. {ECO:0000250|UniProtKB:Q01546}.

Molecular Weight:

62.8 kDa

UniProt:

[Q3UV17](#)

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.

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