

Datasheet for ABIN7559834

Keratin 25 Protein (KRT25) (AA 1-446) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Keratin 25 (KRT25)
Protein Characteristics:	AA 1-446
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 25 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Krt25 Protein expressed in mammalian cells.
Sequence:	<p>MSLRLSSGSR RSYARPSTGS LRGASFGAGN ACGVAGIGSG FSCAFGGSSST GGNTGVANSC AGFTVNEGGL LSGNEKVTMQ NLNDRLASYL DNVQALQEAN ADLEQKIKGW YEKFGPGSCR GLDHDYSRYF PIIDDLKNQI ITSTTSNANA VLQIDNARLT ADDFRLKYEN ELALHQSVEA DVNGLRRVLD EITLCRTDLE IQYETLSEEL TYLKKNHKEE MQALQCAAGG NVNVEMNAAP GVDLTVLLNN MRAEYEALAE QNRRDAEAWF QEKSASLQQQ ITEDVGATTS ARNELTEMKR TLQTLEIELQ SLLATKHSLE CSLTETEGNY CTQLAQIAQ ISALEEQLHQ VRTETEGQKL EYEQLLNKVA HLEKEIETYC LLIGGDEGAC KSSSYKSKDY GSGNAGNQIK DPVKAIIVKK VLEEVDQRSK ILTTRLHSLE EKSQSN 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

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

Target:

Keratin 25 (KRT25)

Alternative Name:

Krt25 ([KRT25 Products](#))

Background:

Keratin, type I cytoskeletal 25 (Cytokeratin-25) (CK-25) (Keratin-25) (K25) (Type I inner root sheath-specific keratin-K25irs1) (mIRSa1),FUNCTION: Essential for the proper assembly of type I and type II keratin protein complexes and formation of keratin intermediate filaments in the inner root sheath (irs) (PubMed:14996088, PubMed:17920809). Plays a role in the cytoskeleton organization (By similarity). {ECO:0000250|UniProtKB:Q7Z3Z0, ECO:0000269|PubMed:14996088, ECO:0000269|PubMed:17920809}.

Molecular Weight:

48.9 kDa

UniProt:

[Q8VCW2](#)

Application Details

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.

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