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Datasheet for ABIN7548701

Keratin 27 (KRT27) (AA 1-459) protein (His tag)

Overview

Quantity: 1 mg

Target: Keratin 27 (KRT27)

Protein Characteristics: AA 1-459

Origin: Human

Source: HEK-293 Cells

Protein Type: Recombinant

Purification tag / Conjugate: His tag

Product Details

Purpose: Custom-made recombinant KRT27 Protein expressed in mammalian cells.

Sequence: MSVRFSSSTR RLGSCGGTGS VRLSSGGAGF GAGNTCGVPG IGS GFSCAFG GSSSAGGYGG
GLGGGSASCA AFTGNEHGLL SGNEKVTMQN LNDRLASYLE NVRALEEANA DLEQKIKGWY
EKFGPGSCRG LDHDYSRYFP IIDELKNQII SATTSNAHVV LQNDNARLTA DDFRLKFENE
LALHQSVEAD INGLRRVLDE LTLCRTDLEI QLETLSEELA YLKKNHEEEM KALQCAAGGN
VNVMNAAPG VDLTVLLNNM RAEYEALAEQ NRRDAEAWFN EKSASLQQQI SDDAGATTTA
RNELIEMKRT LQTLEIELQS LLATKHSLEC SLTETESNYC AQLAQIQAQI GALEEQLHQV
RTETEGQKLE YEQLLDIKVH LEKEIETYCL LIDGEDGSCS KSKGYGGPGN QTKDSSKTTI
VKTVVEEIDP RGKVLSSRVH TVEEKSTKVN NKNEQRVSS **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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

Target:

Keratin 27 (KRT27)

Alternative Name:

KRT27 ([KRT27 Products](#))

Background:

Keratin, type I cytoskeletal 27 (Cytokeratin-27) (CK-27) (Keratin-25C) (K25C) (Keratin-27) (K27) (Type I inner root sheath-specific keratin-K25irs3),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). {ECO:0000250|UniProtKB:Q9Z320}.

Molecular Weight:

49.8 kDa

UniProt:

[Q7Z3Y8](#)

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.

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