

Datasheet for ABIN7548681
KRT74 Protein (AA 1-529) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	KRT74
Protein Characteristics:	AA 1-529
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT74 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KRT74 Protein expressed in mammalian cells.
Sequence:	<p>MSRQLNIKSS GDKGNFSVHS AVVPRKAVGS LASYCAAGRG AGAGFGSRSL YSLGGNRRIS FNVAGGGVRA GYGFRPGSG YGGGRASGFA GSMFGSVALG PACLSVCP PG GIHQVTVNKS LLAPLNVELD PEIQKVRAQE REQIKVLNDK FASFDKVR F LEQQNQVLET KWELLQQLDL NNCKKNLEPI LEGYISNLRK QLETLSGDRV RLDSELRSMR DLVEDYKKRY EVEINRRTTA ENEFVVLKGD ADAAYAVKVE LQAKVDSL DK EIKFLKCLYD AEIAQIQTHA SETSVILSMD NNRDLDLDSI IAEVRMHYEE IALKSKAEAE ALYQTKIQEL QLAASRHGDD LKHTRSEMVE LNRLIQRIRC EIGNVKKQRA SLETAIADAE QRGDNALKDA QAKLDELEGA LHQAKEELAR MLREYQELMS LKLALDMEIA TYRKLLEGEE CRMSENGPSS VSISVISSSS YSYHHPSSAG VDLGASAVAG SSGSTQSGQT KTTEARGGDL KDTQ GKSTPA SIPARKATR Sequence without tag.</p> <p>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>

Product Details

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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	KRT74
Alternative Name:	KRT74 (KRT74 Products)
Background:	Keratin, type II cytoskeletal 74 (Cytokeratin-74) (CK-74) (Keratin-5c) (K5C) (Keratin-74) (K74) (Type II inner root sheath-specific keratin-K6irs4) (Type-II keratin Kb37),FUNCTION: Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (Probable). {ECO:0000305}.
Molecular Weight:	57.9 kDa
UniProt:	Q7RTS7

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