

Datasheet for ABIN7556186

Keratin 71 Protein (KRT71) (AA 1-524) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Keratin 71 (KRT71)
Protein Characteristics:	AA 1-524
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 71 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Krt71 Protein expressed in mammalian cells.
Sequence:	<p>MSRQFTCKSG ASNRGFSGCS AVLSGGSSSS YRAGGKGLSG GFGSRSLYSL GGGRSITLNM</p> <p>ASGSGKNGGF GFGRNRASGF AGSIFGSVAL GPVCPAVCPP GGIHQVTVNE SLLAPLNVEL</p> <p>DPEIQKVRAQ EREQIKALNN KFASFIDKVR FLEQQNQVLQ TKWELLQQLD LNNCKNNLEP</p> <p>ILEGHISNMR KQLETLSGDR VRLDSELRNV RDVVEDYKKK YEEEINRRTA AENEFVLLKK</p> <p>DVDAAYANKV ELQAKVDTMD QDIKFFKCLF EAEMAIQSH ISDMSVILSM DNNRNLDLDS</p> <p>IIDEVRAQYE EIALKSKAEA EALYQTKFQE LQLAAGRHDG DLKNTKNEIT ELTRFIQLR</p> <p>SEIENAKKQA SNLETAIADA EQRGDSALKD ARAKLDELEG ALHQAKEELA RMLREYQELM</p> <p>SLKLALDMEI ATYRKLLSE ECRMSGEYSS PVSISIISST SGSGGYGFRP STVSGGYVAN</p> <p>STSCISGVCS VRGGENRSRG SASDYKDTLT KGSSLSTPSK KGGR 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>

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:	Keratin 71 (KRT71)
Alternative Name:	Krt71 (KRT71 Products)
Background:	<p>Keratin, type II cytoskeletal 71 (Cytokeratin-6G) (CK-6G) (Cytokeratin-71) (CK-71) (Keratin-6G) (K6G) (Keratin-71) (K71) (Type II inner root sheath-specific keratin-K6irs1) (mK6irs) (mK6irs1/Krt2-6g) (Type-II keratin Kb34),FUNCTION: Plays a central role in hair formation. Essential component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle. {ECO:0000269 PubMed:14573483}.</p>
Molecular Weight:	57.4 kDa
UniProt:	Q9R0H5

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
--------------------	--

Application Details

	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