

Datasheet for ABIN7548680

Keratin 71 Protein (KRT71) (AA 1-523) (His tag)



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Overview

Quantity:	1 mg
Target:	Keratin 71 (KRT71)
Protein Characteristics:	AA 1-523
Origin:	Human
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 AAKGGFSGC SAVLSGGSSS SFRAGSKGLS GGFGSRSLYS LGGVRSLNVA SGSGKSGGYG FGRGRASGFA GSMFGSVALG PVCPTVCPPG GIHQVTVNES LLAPLNVELD PEIQKVRAQE REQIKALNNK FASFIDKVRF LEQQNQVLET KWELLQQLDL NNCKNNLEPI LEGYISNLRK QLETLSGDRV RLDSELRNVR DVVEDYKKRY EEEINKRTAA ENEFVLLKKD VDAAYANKVE LQAKVESMDQ EIKFFRCLFE AEITQIQSHI SDMSVILSMD NNRNLDLDSI IDEVRTQYEE IALKSKAEAE ALYQTKFQEL QLAAGRHGDD LKNTKNEISE LTRLIQRIS EIENVKKQAS NLETAIADAE QRGDNALKDA RAKLDELEGA LHQAKEELAR MLREYQELMS LKLALDMEIA TYRKLLSEEE CRMSGFEFPSP VSISISSTS GGSVYGFRPS MVSGGYVANS SNCISGVCSV RGGEGRSRGS ANDYKDTLGK GSSLSAPSKK TSR</p> <p>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:	Keratin, type II cytoskeletal 71 (Cytokeratin-71) (CK-71) (Keratin-71) (K71) (Type II inner root sheath-specific keratin-K6irs1) (Keratin 6 irs) (hK6irs) (hK6irs1) (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:22592156}.
Molecular Weight:	57.3 kDa
UniProt:	Q3SY84

Application Details

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