

Datasheet for ABIN5853651

Cytokeratin 5 Protein (AA 1-590) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Cytokeratin 5 (KRT5)
Protein Characteristics:	AA 1-590
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>MGSSHHHHHH SSSLVPRGSH MGSMRQSSV SFRSGGSRSF STASAITPSV SRTSFTSVSR SGGGGGGGFG RVSLAGACGV GYGSRSLYN LGGSKRISIS TSGGSFRNRF GAGAGGGYGF GGGAGSGFGF GGGAGGGFGL GGGAGFGGGF GPGFPVPCPP GGIQEVTVNQ SLLTPLNLQI DPSIQVRTE EREQIKTLNN KFASFIDKVR FLEQQNKVLD TKWTLLQEQG TKTVRQNLEP LFEQYINNLR RQLDSIVGER GRLDSELNRM QDLVEDFKNK YEDEINKRTT AENEFVMLKK DVDAAYMNKV ELEAKVDALM DEINFMKMMFF DAELSQMQTH VSDTSVVLMS DNNRNLDLDS IIAEVKAQYE EIANRSRTEA ESWYQTKYEE LQQTAGRHDG DLNRTKHEIS EMNRMIQRLR AEIDNVKKQC ANLQNAIADA EQRGELALKD ARNKLALEE ALQKAKQDMA RLLREYQELM NTKLALDVEI ATYRKLEGE ECRLSGEGVG PVNISVVTSS VSSGYGSGSG YGGGLGGGLG GGLGGGLAGG GSGSYSSSS GGVGLSGGLS VGGSGFSASS GRGLGVGFGS GGGSSSSVKF VSTTSSSRKS FKS</p>
Purity:	> 85 % by SDS - PAGE

Target Details

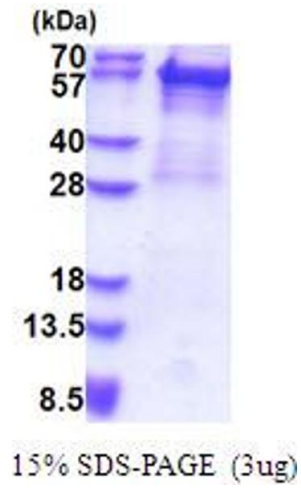
Target:	Cytokeratin 5 (KRT5)
Alternative Name:	KRT5 (KRT5 Products)
Background:	KRT5 is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. Recombinant human KRT5 protein, fused to His-tag at N-terminus, was expressed in E.coli
Molecular Weight:	64.8 kDa (613 aa)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol, 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.