Keratin, type II cuticular Hb5 (KRT85) Recombinant Protein | KRT85 recombinant protein

Recombinant Human Keratin, type II cuticular Hb5 (KRT85)

CATALOG #	HOST
AAA114103	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Keratin; type II cuticular Hb5 (KRT85); Recombinant Human Keratin; KRT85 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-507. Full length
Sequence	MSCRSYRISS GCGVTRNFSS CSAVAPKTGN RCCISAAPYR GVSCYRGLTG FGSRSLCNLG SCGPRIAVGG FRAGSCGRSF GYRSGGVCGP SPPCITTVSV NESLLTPLNL EIDPNAQCVK QEEKEQIKSL NSRFAAFIDK VRFLEQQNKL LETKWQFYQN QRCCESNLEP LFSGYIETLR REAECVEADS GRLASELNHV QEVLEGYKKK YEEEVALRAT AENEFVVLKK DVDCAYLRKS DLEANVEALV EESSFLRRLY EEEIRVLQAH ISDTSVIVKM DNSRDLNMDC IIAEIKAQYD DVASRSRAEA ESWYRSKCEE MKATVIRHGE TLRRTKEEIN ELNRMIQRLT AEIENAKCQR AKLEAAVAEA EQQGEAALSD ARCKLAELEG ALQKAKQDMA CLLKEYQEVM NSKLGLDIEI ATYRRLLEGE EHRLCEGVGS VNVCVSSSRG GVSCGGLSYS TTPGRQITSG PSAIGGSITV VAPDSCAPCQ PRSSSFSCGS SRSVRFA
Sequence Length	507
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES

SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for KRT85 recombinant protein	This protein is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	664806102
NCBI GeneID	3891

NCBI Accession #	NP_001287739.1
NCBI GenBank Nucleotide #	NM_001300810.1
UniProt Accession #	P78386; Q9NSB1
Molecular Weight	57.1 kDa
NCBI Official Full Name	keratin, type II cuticular Hb5 isoform 2
NCBI Official Synonym Full Names	keratin 85
NCBI Official Symbol	KRT85
NCBI Official Synonym Symbols	HB5; K85; Hb-5; hHb5; ECTD4; KRTHB5
NCBI Protein Information	keratin, type II cuticular Hb5
UniProt Protein Name	Keratin, type II cuticular Hb5
UniProt Gene Name	**KRT85**
UniProt Synonym Gene Names	KRTHB5; K85

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/krt85-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114103