

KRT17 recombinant protein

KRT17, 1-432aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48881	HOST E Coli	APPLICATIONS SDS-Page
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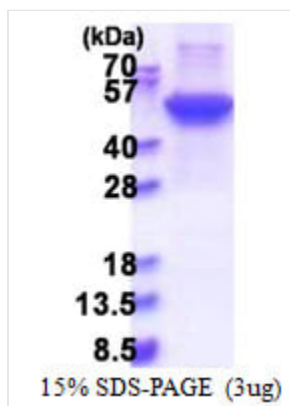
PRODUCT SYNONYMS

KRT17; 1-432aa; Human; His tag; E Coli (Denatured); Keratin type I cytoskeletal 17; Keratin; type I cytoskeletal 17; K17; PC; PC2; PCHC1; KRT17 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 0.4M urea
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMTTSIRQ FTSSSSIKGS SGLGGGSSRT SCRLSGGLGA GSCRLGSAGG LGSTLGGSSY SSCYSFGSGG GYGSSFGGVD GLLAGGEKAT MQNLNDRLAS YLDKVRAL EE ANTELEV KIR DWYQRQAPGP ARDYSQYYRT IEELQNKILT ATVDNANILL QIDNARLAAD DFRTKFETE Q ALRLSVEADI NGLRRVLDEL TLARADLEMQ IENLKEELAY LKKNH EEMN ALRGQVGGEI NVEMDAAPGV DLSRILNEMR DQYEKMAEKN RKDAEDWFFS KTEELNREVA TNSELVQSGK SEISELRRTM QALEIELQSQ LSMKASLEGN LAETENRYCV QLSQIQGLIG SVEEQLAQLR CEMEQQNQ EY KILLDVKTRL EQEIATYRRL LEGEDAHLTQ YKKEPVTTRQ VRTIVEEVQD GKVISSREQV HQTTR
Sequence Length	432
Applicable Applications for KRT17 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for KRT17 recombinant protein	KRT17, as known as keratin17, is a type I cytokeratin. It is found in nail beds, hair follicles, sebaceous glands, and other epidermal appendages. Mutations in KRT17 lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex. Recombinant human KRT17 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for KRT17 recombinant protein	Signal Transduction
References	McLean WH. et al. (1995) Nat Genet. 9:273-278.; Troyanovsky SM. et al. (1993) Eur J Cell Biol. 59: 127-137.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557701
NCBI GeneID	3872
NCBI Accession #	NP_000413
NCBI GenBank Nucleotide #	NM_000422.2
UniProt Accession #	Q04695; Q6IP98; Q8N1P6; A5Z1M9; A5Z1N0; A5Z1N1; A5Z1N2; A6NDV6; A6NKQ2
Molecular Weight	50.5 kDa (455aa)
NCBI Official Full Name	keratin, type I cytoskeletal 17
NCBI Official Synonym Full Names	keratin 17
NCBI Official Symbol	KRT17
NCBI Official Synonym Symbols	PC; K17; PC2; 39.1; CK-17; PCHC1
NCBI Protein Information	keratin, type I cytoskeletal 17
UniProt Protein Name	Keratin, type I cytoskeletal 17
UniProt Gene Name	KRT17
UniProt Synonym Gene Names	CK-17; K17

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.