

Keratin 16 (KRT16) Recombinant Protein | KRT16 recombinant protein

Recombinant Keratin 16 (KRT16)

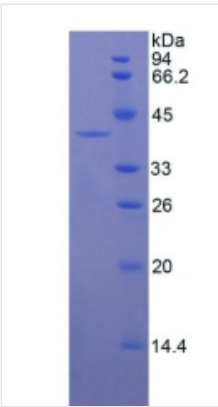
CATALOG # AAA134769	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Keratin 16 (KRT16); Recombinant Keratin 16 (KRT16); KRT16 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandS-tag ,itssequen ceislisted below. MHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-EKVTMQN LNDRLASYLD KVRALLEANA DLEVKIRDWY QRQRPSEIKD YSPYFKTIED LRNKIIAATI ENAQPIQID NARLAADDFR TKYEH LALR QTVEADV NGL RRVLD ETLA RTDLEMQIEG LKEELAYLRK NHEEMLALR GQTGGDVNVE MDAAPGV DLS RILNEMRDQY EQMAEKNRRD AETWFLSKTE ELNKEVASNS ELVQSSRSEV TELRRVLQGL EIELQS QLSM KASLENSLEE TKGRYCMQLS QIQGLIGSVE EQLAQLRC EM EQQSQEYQIL LDVKTRLEQE IATYRR
Sequence Length	473
Applicable Applications for KRT16 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Glu117~Arg419 (Accession # P08779) with two N-terminal Tags, His-tag and S-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.



Sequence

EKVT MQNLNDRLAS YLDKVRAL EE ANADLEVKIR
DWYQRQRPSE IKDYSPTYFKT IEDLRNKIIA ATIENAQPIL QIDNARLAAD
DFRTKYEHEL ALRQTVEADV NGLRRVLDEL TLARTDLEMQ IEGLKEELAY
LRKNHEEEML ALRGQTGGDV NVEMDAAPGV DLSRILNEMR DQYEQMAEKN
RRDAETWFLS KTEELNKEVA SENSELVQSSR SEVTELRRLV QGLEIELQSQ
LSMKASLENS LEETKGRCYM QLSQIQGLIG SVEEQLAQLR CEMEQQSQEY
QILLDVKTRL EQEIATYRR

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430192
NCBI GeneID	3868
NCBI Accession #	NP_005548.2
NCBI GenBank Nucleotide #	NM_005557.3
UniProt Accession #	P08779; P30654; Q16402; Q9UBG8; A8K488
Molecular Weight	40.9kDa
NCBI Official Full Name	keratin, type I cytoskeletal 16
NCBI Official Synonym Full Names	keratin 16
NCBI Official Symbol	KRT16
NCBI Official Synonym Symbols	K16; CK16; K1CP; NEPPK; FNEPPK; KRT16A
NCBI Protein Information	keratin, type I cytoskeletal 16; CK-16; keratin-16; cytokeratin 16; cytokeratin-16; focal non-epidermolytic palmoplantar keratoderma
UniProt Protein Name	Keratin, type I cytoskeletal 16
UniProt Gene Name	KRT16
UniProt Synonym Gene Names	KRT16A; CK-16; K16
UniProt Entry Name	K1C16_HUMAN

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.