

Keratin, type I cytoskeletal 14 Recombinant Protein | KRT14 recombinant protein

Recombinant Human Keratin, type I cytoskeletal 14

CATALOG # AAA113823	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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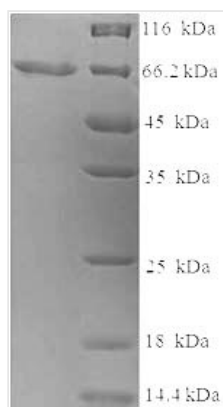
PRODUCT SYNONYMS

Keratin; type I cytoskeletal 14; Recombinant Human Keratin; Cytokeratin-14; CK-14; Keratin-14; K14; KRT14 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	1-472aa; Full Length
Sequence	MTTC SRQFTS SSSMKGSCGI GGGIGGGSSR ISSVLGGSC RAPSTYGGGL SVSSSRFSSG GACGLGGGYG GGFSSSSSSSF GSGFGGGYGG GLGAGLGGGF GGGFAGGDGL LVGSEKVTMQ NLNDRLASYL DKVRALEEAN ADLEVKIRDW YQRQRP AEIK DYSPYFKTIE DLRNKILTAT VDNANVLLQI DNARLAADDF RTKYETELNL RMSVEADING LRRVLDELTL ARADLEMQIE SLKEELAYLK KNHEEEMNAL RGQVGGDVNV EMDAAPGV DL SRILNEMRDQ YEKMAEKNRK DAEWFFTKT EELNREVATN SELVQSGKSE ISELRRTMQN LEIELQSQLS MKASLENSLE ETKGRYCMQL AQIQEMIGSV EEQLAQLRCE MEQQNQEYKI LLDVKTRLEQ EIATYRRLLE GEDAHLSSSQ FSSGSQSSRD VTSSSRQIRT KVMDVHDGKV VSTHEQVLRT KN
Sequence Length	472
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for KRT14 recombinant protein	The nonhelical tail domain is involved in promoting KRT5-KRT14 filaments to self-organize into large bundles and enhances the mechanical properties involved in resilience of keratin intermediate filaments in vitro.
Product Categories/Family for KRT14 recombinant protein	Signal Transduction

References	Remarkable conservation of structure among intermediate filament genes.Marchuk D., McCrohon S., Fuchs E.Cell 39:491-498(1984)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15431310
NCBI GeneID	3861
NCBI Accession #	NP_000517.2
NCBI GenBank Nucleotide #	NM_000526.4
UniProt Accession #	P02533; Q14715; Q53XY3; Q9BUE3; Q9UBN2; Q9UBN3; Q9UCY4
Molecular Weight	53.6 kDa
NCBI Official Full Name	keratin, type I cytoskeletal 14
NCBI Official Synonym Full Names	keratin 14, type I
NCBI Official Symbol	KRT14
NCBI Official Synonym Symbols	K14; NFJ; CK14; EBS3; EBS4
NCBI Protein Information	keratin, type I cytoskeletal 14
UniProt Protein Name	Keratin, type I cytoskeletal 14
UniProt Gene Name	KRT14
UniProt Synonym Gene Names	CK-14; K14
UniProt Entry Name	K1C14_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.