

Keratin, type II cytoskeletal 1 (KRT1) Recombinant Protein | KRT1 recombinant protein

Recombinant Human Keratin, type II cytoskeletal 1 (KRT1)

CATALOG # AAA113790	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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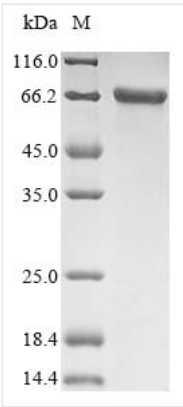
PRODUCT SYNONYMS

Keratin; type II cytoskeletal 1 (KRT1); Recombinant Human Keratin; KRT1 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	2-644aa; Full Length of Mature Protein
Sequence	SRQFSSRSGY RSGGGFSSGS AGIINYQRRT TSSSTRRSGG GGGRFSSCGG GGGSFAGGG FGSRSLVNLG GSKSISIVA RGGGRGSGFG GYGGGGGFGG GGFGGGGFGG GGIGGGGFGG FGSGGGGFGG GGFGGGGYGG GYGPVCPGG IQEVTINQSL LQPLNVEIDP EIQVKSRER EIKSLNNQF ASFIDKVRFL EQQNQVLQTK WELLQQVDTS TRTHNLEPYF ESFINNLRRR VDQLKSDQSR LDSELKNMQD MVEDYRNKYE DEINKRTNAE NEFVTIKKDV DGAYMTKVDL QAKLDNLQQE IDFLTALYQA ELSQMQTQIS ETNVILSMDN NRSLDLSII AEVKAQYEDI AQKSKAEAES LYQSKYEELQ ITAGRHGDSV RNSKIEISEL NRVIQRLRSE IDNVKKQISN LQQSISDAEQ RGENALKDAK NKLNDLEDAL QQAKEDLARL LRDYQELMNT KLALDLEIAT YRTLLEGEES RMSGECAPNV SVSVSTSHTT ISGGGSRGGG GGGYGSGGSS YGSGGGSYGS GGGGGGGGRGS YGSGGSSYGS GGGSYGSGGG GGGHGSYSGS SSSGGYRGGG GGGGGGSSGG RSGGGGSSGG SIGGRGSSG GVKSSGGSSS VKFVSTTYSV VTR
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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 KRT1 recombinant protein	May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein C kinase 1 (RACK1). In complex with C1QBP is a high affinity receptor for kininogen-1 HMWK.
Product Categories/Family for KRT1 recombinant protein	Signal Transduction
References	"Amino acid sequences of mouse and human epidermal type II keratins of Mr 67,000 provide a systematic basis for the structural and functional diversity of the end domains of keratin intermediate filament subunits." Steinert P.M., Parry D.A.D., Idler W.W., Johnson L.D., Steven A.C., Roop D.R. J. Biol. Chem. 260:7142-7149(1985)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395750
NCBI GeneID	3848
NCBI Accession #	NP_006112.3
NCBI GenBank Nucleotide #	NM_006121.3
UniProt Accession #	P04264; P85925; P86104; Q14720; Q6GSJ0; Q9H298; B2RA01
Molecular Weight	69.9 kDa
NCBI Official Full Name	keratin, type II cytoskeletal 1
NCBI Official Synonym Full Names	keratin 1
NCBI Official Symbol	KRT1
NCBI Official Synonym Symbols	K1; CK1; EHK; EHK1; EPPK; KRT1A; NEPPK
NCBI Protein Information	keratin, type II cytoskeletal 1
UniProt Protein Name	Keratin, type II cytoskeletal 1
UniProt Gene Name	KRT1
UniProt Synonym Gene Names	KRTA; CK-1; K1

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.