

Keratin, type I cytoskeletal 13 (KRT13) Recombinant Protein | KRT13 recombinant protein

Recombinant Human Keratin, type I cytoskeletal 13 (KRT13)

CATALOG # AAA113135	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Keratin; type I cytoskeletal 13 (KRT13); Recombinant Human Keratin; KRT13 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	1-458aa; Full Length
Sequence	MSLRLQSSSA SYGGGFGGGS CQLGGGRGVS TCSTRFVSGG SAGGYGGGVS CGFGGGAGSG FGGGYGGGLG GGYGGGLGGG FGGGFAGGFV DFGACDGGLL TGNEKITMQN LNDRLASYLE KVRAL EEANA DLEVKIRDWH LKQSPASPER DYSPYYKTIE ELRDKILTAT IENNRVILEI DNARLAADD FRLKYENELAL RQSVEADING LRRVLDELTL SKTDLEMQIE SLNEELAYMK KNHEEEMKEF SNQVVGQVNV EMDATPGIDL TRVLAEMREQ YEAMAERNRR DAEWFHTKS AELNKEVSTN TAMIQTSKTE ITELRRTLQG LEIELQSQLS MKAGLENTVA ETECRYALQL QQIQGLISSI EAQLSELRSE MECQNQEYKM LLDIKTRLEQ EIATYRSLL E GQDAKMIGFP SSAGSVSPRS TSVTTTSSAS VTTTASNASGR RTSDVRRP
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.

ADDITIONAL INFORMATION

Related Product Information for KRT13 recombinant protein	This protein is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	131412228
NCBI GeneID	3860
NCBI Accession #	NP_002265.2
NCBI GenBank Nucleotide #	NM_002274.3
UniProt Accession #	P13646; Q53G54; Q6AZK5; Q8N240
Molecular Weight	45,867 Da
NCBI Official Full Name	keratin, type I cytoskeletal 13 isoform b

NCBI Official Synonym Full Names	keratin 13
NCBI Official Symbol	KRT13
NCBI Official Synonym Symbols	K13; CK13; WSN2
NCBI Protein Information	keratin, type I cytoskeletal 13
UniProt Protein Name	Keratin, type I cytoskeletal 13
UniProt Gene Name	KRT13
UniProt Synonym Gene Names	CK-13; K13

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.

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Online datasheet: <https://www.aaabiotech.com/krt13-recombinant-protein-e-coli/113135>