

Recombinant Full Length Human KRT14 Protein, GST-tagged

Cat. No. KRT14-734HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT14 full-length ORF (AAH02690, 1 a.a. - 472 a.a.) protein was expressed in Wheat Germ with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	472 amino acids
Description	This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	77.55 kDa
AA Sequence	MTTCSRQFTS SSSMKGSCGI GGGIGGGSSR ISSVLAGGSC RAPSTYGGGL SVSSSRFSSG GAYGLGGGYG GGFSSSSSF GSGFGGGYGG GLGTGLGGGF GGGFAGGDGL LVGSEKVTMQ NLNDRLASYL DKVRALEEAN ADLEVKIRDW YQRQRP AEIK DYSPYFKTIE DLRNKILTAT VDNANVLLQI DNARLAADDF RTKYETELNL RMSVEADING LRRVLDLTL ARADLEMQIE SLKEELAYLK

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KNHEEEMNAL RGQVGGDVNV EMDAAPGVDL SRILNEMRDQ YEKMAEKNRK
 DAEWFFTKT EELNREVATN SELVQSGKSE ISELRRMQN LEIELQSQLS
 MKASLENSLE ETKGRYCMQL AQIQEMIGSV EEQLAQLRCE MEQQNQEYKI
 LLDVKTRLEQ EIATYRRLLE GEDAHLSSSQ FSSGSQSSRD VTSSSRQIRT
 KVMDVHDGKV VSTHEQVLRT KN

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [KRT14 keratin 14 \[Homo sapiens \]](#)

Official Symbol [KRT14](#)

Synonyms KRT14; keratin 14; K14; NFJ; CK14; EBS3; EBS4; cytokeratin 14; keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner); Keratin, type I cytoskeletal 14; Cytokeratin-14; CK-14; Keratin-14

Gene ID [3861](#)

mRNA Refseq [NM_000526](#)

Protein Refseq [NP_000517](#)

MIM [148066](#)

UniProt ID [P02533](#)

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