

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	MTTC SRQFTS 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
DAEEWFFTKT EELNREVATN SELVQSGKSE ISELRRTMQN LEIELQSQLS
MKASLENSLE ETKGRYCMQL AQIQEMIGSV EEQLAQLRCE MEQQNQEYKI
LLDVKTRLEQ EIATYRRLLE GED AHLSSSQ 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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