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 GGFSSSSSSF GSGFGGGYGG GLGTGLGGGF GGGFAGGDGL LVGSEKVTMQ NLNDRLASYL DKVRALEEAN ADLEVKIRDW YQRQRPAEIK DYSPYFKTIE DLRNKILTAT VDNANVLLQI DNARLAADDF RTKYETELNL RMSVEADING LRRVLDELTL ARADLEMQIE SLKEELAYLK

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	KNHEEEMNAL RGQVGGDVNV EMDAAPGVDL SRILNEMRDQ YEKMAEKNRK DAEEWFFTKT EELNREVATN SELVQSGKSE ISELRRTMQN 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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