

Recombinant Full Length Human KRT32 Protein, GST-tagged

Cat. No. KRT32-6018HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT32 full-length ORF (AAI48741.1, 1 a.a. - 448 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	448 amino acids
Description	The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq
Molecular Mass	76.23 kDa
AA Sequence	MTSSCCVTNNLQASLKSCPRPASVCSSGVNCRPELCLGYVCQPMACLPVCLPTTF RPASCLSKTYLSSSCQAASGISGSMGPGSWYSEGA FNNGNEKETMQFLNDRLASYL TRVRQLEQENAELESRIQEASHSQVLTMTDPDYQSHFRTIEELQQKILCTKAENARMV VNIDNAKLAADDFRAKYEAE LAMRQLVEADINGLRRILDDLT LCKADLEAQVESLKEE LMCLKKNHEEEVGSRLRCQLGDR LNIEVDAAPPVDL TRVLEEMRCQYEAMVEANRRD VEEWFNMQMEELNQQVATSSEQLQNYQSDIIDLRRTVNTLEIELQAQHSLRDSLENT LTESEARYSSQLAQMQCMITNVEAQLAEIRADLERQNQEYQVLLDVRARLEGEINTY RSLL ENEDCKLPCNPCSTPSCCTTCVPSPCVPR TVCVPRTVGMPCSPCPQGRY

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	KRT32 keratin 32 [Homo sapiens]
Official Symbol	KRT32
Synonyms	KRT32; keratin 32; keratin, hair, acidic, 2 , KRTHA2; keratin, type I cuticular Ha2; Ha 2; hard keratin type I; K32; keratin-32; hard keratin, type I, 2; hair keratin, type I Ha2; keratin, hair, acidic, 2; type I cuticular hair keratin; HA2; HKA2; hHa2; KRTHA2;
Gene ID	3882
mRNA Refseq	NM_002278
Protein Refseq	NP_002269
MIM	602760
UniProt ID	Q14532

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