

# 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**

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MTSSCCVTNNLQASLKSCPRPASVCSSGVNCRPELCLGYVCQPMACLPVCLPTTF
RPASCLSKTYLSSSCQAASGISGSMGPGSWYSEGAFNGNEKETMQFLNDRLASYL
TRVRQLEQENAELESRIQEASHSQVLTMTDPDYQSHFRTIEELQQKILCTKAENARMV
VNIDNAKLAADDFRAKYEAEELAMRQLVEADINGLRRILDDLTLCKADLEAQVESLKEE
LMCLKKNHEEEVGLRQCQLGDRLNIEVDAAPPVDLTRVLEEMRCQYEAMVEANRRD
VEEWFNMQMEELNQQVATSSEQLQNYQSDIIDLRRTVNTLEIELQAQHSLRDSLENT
LTESEARYSSQLAQMQCMITNVEAQLAEIRADLERQNQEYQVLLDVRARLEGEINTY
RSLLENEDCKLPCNPCSTPSCCTTCVSPCVPRTVCVPRTVGMPCSPCPQGRY
    
```

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	KRT32 keratin 32 [ Homo sapiens ]
<b>Official Symbol</b>	KRT32
<b>Synonyms</b>	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;
<b>Gene ID</b>	3882
<b>mRNA Refseq</b>	NM_002278
<b>Protein Refseq</b>	NP_002269
<b>MIM</b>	602760
<b>UniProt ID</b>	Q14532

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