

Recombinant Full Length Human KRT40 Protein, GST-tagged

Cat. No. KRT40-6043HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human KRT40 full-length ORF (ADR83001.1, 1 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	431 amino acids
Description	<p>This gene encodes a member of the type I (acidic) keratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. The type I keratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq]</p>
Molecular Mass	47.5 kDa
AA Sequence	<p>MTSDCSSTHCSPESECGTASGCAPASSCSVETACLPGTCATSRQCQTPSFLSRSRGLT GCLLPCYFTGSCNSPCLVGNCAWCEDGVFTSNEKETMQFLNDRLASYLEKVRSL TNAELESRIQEIQCEQDIPMVCOPYQRYFNTIEDLQQKILCTKAENSRLAVQLDNCKLA TDDFKSKYESELSLRQLLEADISSLHGILEELTLCKSDLEAHVESLKEDLLCLKKNHEE EVNLLREQLGDRLSVELDTAPTLDLNRVLDDEMRCQCETVLANNRREAEEWLAVQTE ELNQQQLSSAEQLQGCGMEILELKRTASALEIELQAQQSLTESLECTVAETEAQYSS QLAQIQCLIDNLENQLAEIRCDLERQNQEYQVLLDVKARLEGEINTYWGLLDSSEDSRL</p>

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SCSPCSTTCTSSNTCEPCSAYVICTVENCCL

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

KRT40 keratin 40 [Homo sapiens (human)]

Official Symbol

KRT40

Synonyms

KRT40; keratin 40; K40; KA36; CK-40; keratin, type I cytoskeletal 40; cytokeratin-40; keratin 40, type I; type I hair keratin KA36

Gene ID

125115

mRNA Refseq

NM_182497

Protein Refseq

NP_872303

MIM

616679

UniProt ID

Q6A162

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