Recombinant Human KRT40 Protein, GST-tagged

Cat. No. KRT40-4847H **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	Wheat Germ
Description	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
Molecular Mass	47.5 kDa
AA Sequence	MTSDCSSTHCSPESCGTASGCAPASSCSVETACLPGTCATSRCQTPSFLSRSRGLT GCLLPCYFTGSCNSPCLVGNCAWCEDGVFTSNEKETMQFLNDRLASYLEKVRSLEE TNAELESRIQEQCEQDIPMVCPDYQRYFNTIEDLQQKILCTKAENSRLAVQLDNCKLA TDDFKSKYESELSLRQLLEADISSLHGILEELTLCKSDLEAHVESLKEDLLCLKKNHEE EVNLLREQLGDRLSVELDTAPTLDLNRVLDEMRCQCETVLANNRREAEEWLAVQTE ELNQQQLSSAEQLQGCQMEILELKRTASALEIELQAQQSLTESLECTVAETEAQYSS QLAQIQCLIDNLENQLAEIRCDLERQNQEYQVLLDVKARLEGEINTYWGLLDSEDSRL SCSPCSTTCTSSNTCEPCSAYVICTVENCCL

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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	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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