

Recombinant Full Length Human KRT39 Protein, GST-tagged

Cat. No. KRT39-6041HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT39 full-length ORF (AAI60073.1, 1 a.a. - 491 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	491 amino acids
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	80.41 kDa
AA Sequence	MDTKGCTTTNSPSTPCQNC SRITNVSTISSNNGCHPGGLTVNNCQPAGHVLRI PWDQGCQPTPRFCRKPIYLMNNFNARFSLDDCSWYGE GINSNEKETMQILNERLANYLQ KVRMLERENAELESKIQEESNKELPVLCPDYLSYYTTIEELQQKILCTKAENSRLVSQI DNTKLTADDLRAKYEA EVSLRQLVESDANGLKQILNVLT LGKADLEAQVQSLKEELL CLKNNHKEEINSLQCQLGERLDIEVTAAPSADLNQVLQEMRCQYEPIMETNRKDVEQ WFNTQIEELNQVVTSSQQQQCCQKEIIE LR SVNTLEVELQAQHRMRDSQECILTE TEARYTALLTQIQSLIDNLEAQLAEIRCALERQ NQEYEILLDVKSRLCEITTYRSLLES

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	SDGKRPCYPRATKCEPSPWTSCKSGAIESTAPACTSSSPCSLKEHCSACGPLSRILV KICTITKEIKDGKVISSYEHVQPCFIIRPAKV
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	KRT39 keratin 39 [Homo sapiens]
Official Symbol	KRT39
Synonyms	KRT39; keratin 39; keratin, type I cytoskeletal 39; KA35; keratin-39; cytokeratin-39; type I hair keratin KA35; K39; CK-39;
Gene ID	390792
mRNA Refseq	NM_213656
Protein Refseq	NP_998821
MIM	616678

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UniProt ID

Q6A163

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