



# Recombinant Human Keratin-19 (K19) (DAGC027)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	A DNA sequence encoding the human Keratin-19 (a.a. 1-400) was expressed with His tag at the N-terminus and Myc tag at the C-terminus
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Conjugate</b>	His, Myc
<b>Applications</b>	Immunoassays
<b>Molecular Weight</b>	48 kDa
<b>Format</b>	Liquid or Lyophilized powder
<b>Size</b>	20 µg, 100 µg, 500 µg
<b>Buffer</b>	Tris-based buffer, 50% glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Keratin19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Keratin 19 is a type I keratin. The type I cytokeratins consist of acidic proteins
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which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically found in the periderm, the transiently superficial layer that envelops the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.

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<b>Keywords</b>	KRT19; keratin 19; K19; CK19; K1CS; keratin, type I cytoskeletal 19
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## GENE INFORMATION

<b>UniProt ID</b>	P08727
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