



Recombinant Human Keratin-19 (K19) (DAGC027)

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

PRODUCT INFORMATION

Product Overview	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
Purity	> 85 % as determined by SDS-PAGE
Conjugate	His, Myc
Applications	Immunoassays
Molecular Weight	48 kDa
Format	Liquid or Lyophilized powder
Size	20 µg, 100 µg, 500 µg
Buffer	Tris-based buffer, 50% glycerol
Preservative	None
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	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 rearranged in pairs of heterotypic keratin chains. Unlike its related familymembers, this smallest known acidic cytokeratin is not paired with a basiccytokeratin in epithelial cells. It is specifically found in the periderm, the transiently superficial layer that envelops the developing epidermis. Thetype I cytokeratins are clustered in a region of chromosome 17q12-q21.

Keywords KRT19; keratin 19; K19; CK19; K1CS; keratin, type I cytoskeletal 19

GENE INFORMATION

UniProt ID P08727
