

Native Human CK19

Cat. No. KRT19-5H Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	Human epithelial ovarian cancer cell culture supernatant
Description	<p>CTK-19 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. The type I cytokeratins consist of acidic proteins 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 expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.</p>
Form	Liquid
Applications	ELISA;Other applications have not been tested.
Storage	Ship at 4°C. Upon receipt, aliquot and store at -20°C or -80°C for long term.Avoid repeated freeze and thaw cycles.
Concentration	1 mg/ml
Storage Buffer	Each vial contains Tris-HCl (pH 7.4 ± 0.2) with 0.2% NaN ₃ .

GENE INFORMATION

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Gene Name	KRT19 keratin 19 [Homo sapiens]
Official Symbol	KRT19
Synonyms	KRT19; keratin 19; keratin, type I cytoskeletal 19; 40 kDa keratin intermediate filament; CK19; cytokeratin 19; K1CS; K19; keratin; type I cytoskeletal 19; type I; 40 kd; MGC15366; CK-19; keratin-19; cytokeratin-19; keratin, type I, 40-kd; 40-kDa keratin
Gene ID	3880
mRNA Refseq	NM_002276
Protein Refseq	NP_002267
MIM	148020
UniProt ID	P08727
Chromosome Location	17q21-q23
Pathway	Signaling mediated by p38-alpha and p38-beta, organism-specific biosystem;
Function	protein binding; structural constituent of cytoskeleton; structural constituent of muscle;

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