

Recombinant Mouse Krt19 Protein, MYC/DDK-tagged

Cat. No. Krt19-1284M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse keratin 19 (Krt19), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	<p>The protein encoded by this gene 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 envelops the developing epidermis. Two transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Mass	44.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 g/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Krt19 keratin 19 [*Mus musculus* (house mouse)]

Official Symbol Krt19

Synonyms Krt19; keratin 19; K19; CK-19; EndoC; Krt1-19; AI663979; Krt-1.19; keratin, type I cytoskeletal 19; cytokeratin 19; keratin complex 1, acidic, gene 19

Gene ID 16669

mRNA Refseq NM_008471

Protein Refseq NP_032497

UniProt ID P19001

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