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	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 envelopes the developing epidermis. Two transcript variants encoding different isoforms have been found for this gene.
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.

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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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