

Recombinant Mouse Krt18 Protein, His-tagged

Cat. No. KRT18-1745M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Krt18 (aa 1-423) Protein with His tag was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	1-423 a.a.
Description	When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.
Bio-activity	Not Tested
Molecular Mass	49.1 kDa
Endotoxin	Not Tested
Purity	Greater than 95%
Notes	For research use only.
Storage	Store at 4 centigrade for up to 1 month, or aliquot and store at -80 centigrade for up to 1 year. Avoid freeze-thaw cycles.

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Storage Buffer Lyophilized from 20mM Tris, 150mM NaCl, pH 8.0, containing 0.01% SKL, 5% trehalose.

Reconstitution Reconstitute in sterile 20mM Tris, 150mM NaCl (pH 8.0) to a concentration of 0.1-1.0 mg/ml. Do not vortex.

GENE INFORMATION

Gene Name Krt18 keratin 18 [*Mus musculus* (house mouse)]

Official Symbol Krt18

Synonyms Krt18; keratin 18; K18; CK18; Krt1-18; keratin, type I cytoskeletal 18; cytokeratin endo B; cytokeratin-18; keratin D; keratin complex 1, acidic, gene 18

Gene ID 16668

mRNA Refseq NM_010664

Protein Refseq NP_034794

UniProt ID P05784

Recombinant Keratin
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