

Product datasheet for **TP309707M**

Cytokeratin 19 (KRT19) (NM_002276) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human keratin 19 (KRT19), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC209707 representing NM_002276
Red=Cloning site **Green**=Tags(s)

MTSYSYRQSSATSSFGLGGGSVRFPGVAFRAPSIIHGGSGGRGVSVSARFVSSSSGGYGGGYGGVLT
ASDGLLAGNEKLTMQNLNDRLASYLDKVRALEAANGELEVKIRDWYQKQGGPSRDYSHYYTTIQDLRDK
ILGATIENSRIVLQIDNARLAADDFRTKFETEQUALRMSVEADINGLRRVLDLTLARTDLEMQIEGLKEE
LAYLKKNHEEEISTLRGQVGGQVSVEVDSAPGTDLAKILSDMRSQYEVMAEQNRKDAEAWFTSRTEELNR
EVAGHTEQLQMSRSEVTDLRRTLQGLEIELQSLSMKAALDTLAETEARFGAQLAHIQALISGIEAQLG
DVRADSERQNQEYQRLMDIKSRLEQEIATYRSLLLEGQEDHYNNLSASKVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 43.9 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_002267](#)
Locus ID: 3880



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UniProt ID: [P08727](#)

RefSeq Size: 1490

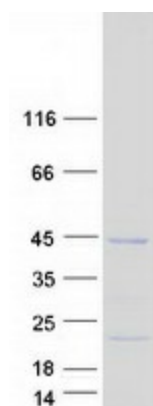
Cytogenetics: 17q21.2

RefSeq ORF: 1200

Synonyms: CK19; K1CS; K19

Summary: 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. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified KRT19 protein (Cat# [TP309707]). The protein was produced from HEK293T cells transfected with KRT19 cDNA clone (Cat# [RC209707]) using MegaTran 2.0 (Cat# [TT210002]).