

Product datasheet for TP309707

Cytokeratin 19 (KRT19) (NM_002276) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human keratin 19 (KRT19), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209707 representing NM_002276 Red=Cloning site Green=Tags(s)

MTSYSYRQSSATSSFGLGGGSVRFPGVAFRAPSIIHGGSGGRGVSVSARFVSSSSGGYGGGYGGVLT
ASDGLLAGNEKLTMQNLNDRLASYLDKVRALEAANGELEVKIRDWYQKQGPSPRDYSHYYTTIQDLRDK
ILGATIENSRIVLQIDNARLAADDFRTKFETEQUALRMSVEADINGLRRVLDLTLARTDLEMQIEGLKEE
LAYLKKNHHEEISTLRGQVGGQVSVEVDSAPGTDLAKILSDMRSQYEVMAEQNRKDAEAWFTSRTEELNR
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

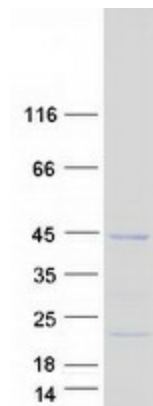
Cytogenetics: 17q21.2

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]).