

Product datasheet for TP506318

Krt19 (NM_008471) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse keratin 19 (Krt19), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206318 protein sequence Red=Cloning site Green=Tags(s)

MTSYSYRQTSAMSSFGGTGGGSVRIGSGGVFRAPSIHGGSGGRGVSVSSTRFVTSSSGSYGGVRRGGSFSG
TLAVSDGLLSGNEKITMQNLNDRLASYLDKVRALEQANGELEVKIRDWYQKQGPGRDYNHYFKTIEDL
RDKILGATIDNSKIVLQIDNARLAADDFR TKFETEHALRSLVEADINGLRRVLDELTLARTDLEMQIESL
KEELAYLKKNH EEEITALRSQVGGQVSVEVDSTPGVDLAKILSEMRSQYEIMAEKNR KDAEATYLARIEE
LNTQVAVHSEQIQISKTEVTDLRRTLQGLEIELQSQLSMKAALEGTLAETEARYGVQLSQIQSVISGFEEA
QLSDVRADIERQNQEYKQLMDIKSRLEQEIATYRSLLLEGQEAHYNNLPTPKAI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	44.5 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
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 after receiving vials.
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_032497
Locus ID:	16669
UniProt ID:	P19001 , B1AQ78



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RefSeq Size: 1509

Cytogenetics: 11 63.42 cM

RefSeq ORF: 1212

Synonyms: A1663979; CK-19; End; EndoC; K19; Krt-1.1; Krt-1.19; Krt1-1; Krt1-19

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 envelopes the developing epidermis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]