

Product datasheet for **AR50763PU-N**

Cytokeratin 19 (1-400, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Cytokeratin 19 (1-400, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMTSYSYR QSSATSSF GG LGGGSVRF GP GVAFRAPSIH GGSGGRGVS V SSARFVSSSS SGAYGGGYGG VLTASDGLLA GNEKLTMQNL NDRLASYL DK VRALEAANGE LEVKIRDWYQ KQGPGPSRDY SHYYTTIQDL RDKILGATIE NSRIVLQIDN ARLAADD FRT KFETE QALRM SVEADINGLR RVLDELTLAR TDLEMQIEGL KEELAYLKKN HEEEISTLRG QVGGQVSVEV DSAPGTDLAK ILSDMRSQYE VMAEQNRKDA EAWFTSRTEE LNREVAGHTE QLQMSRSEVT DLRRTLQGLE IELQSQLSMK AALEDTLAET EARFGAQLAH IQALISGIEA QLGDVRADSE RQNQEYQRLM DIKSRLQEI ATYRSLLEGQ EDHYNNLSAS KVL
Tag:	His-tag
Predicted MW:	46.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human KRT19 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002267
Locus ID:	3880
UniProt ID:	P08727
Cytogenetics:	17q21.2
Synonyms:	CK19; K1CS; K19



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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: