32-13285: KRT19 Human, His

Alternative Name : Keratin type I cytoskeletal 19, Cytokeratin-19, CK-19, Keratin-19, K19, KRT19, CK19, K1CS, MGC15366.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
CTK-19 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. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.
KRT19 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 423 amino acids (1-400) and having a molecular mass of 46.5kDa.KRT19 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The KRT19 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMTSYSYR QSSATSSFGG LGGGSVRFGP GVAFRAPSIH GGSGGRGVSV SSARFVSSSS SGAYGGGYGG VLTASDGLLA GNEKLTMQNL NDRLASYLDK VRALEAANGE LEVKIRDWYQ KQGPGPSRDY SHYYTTIQDL RDKILGATIE NSRIVLQIDN ARLAADDFRT KFETEQALRM SVEADINGLR RVLDELTLAR TDLEMQIEGL KEELAYLKKN HEEEISTLRG QVGGQVSVEV DSAPGTDLAK ILSDMRSQYE VMAEQNRKDA EAWFTSRTEE LNREVAGHTE QLQMSRSEVT DLRRTLQGLE IELQSQLSMK AALEDTLAET EARFGAQLAH IQALISGIEA QLGDVRADSE RQNQEYQRLM DIKSRLEQEI ATYRSLLEGQ EDHYNNLSAS KVL.