

32-4078: Recombinant Human Cytokeratin 20 His Tag

Alternative Name : Keratin,type I cytoskeletal 20,CD20,CK-20,CK20,K20,KRT21,Keratin,Cytokeratin-20,Keratin-20,Protein IT,KRT20.

Description

Source : Escherichia Coli. KRT20 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 447 amino acids (1-424 a.a) and having a molecular mass of 50.9kDa. KRT20 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Recombinant Human Cytokeratin 20 His Tag (KRT20) belongs to 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 is comprised of acidic proteins that are organized in pairs of heterotypic keratin chains. KRT20 is a main cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa.

Product Info

Amount : 20 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : KRT20 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 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).Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMDFSRRS FHRSLSSSLQ APVVSTVGMQ RLGTTPSVYG
GAGGRGIRIS NSRHTVNYGS DLTGGGDLFV GNEKMAMQNL NDRLASYLEK VRTLEQNSK
LEVQIKQWYE TNAPRAGRDY SAYYRQIEEL RSQIKDAQLQ NARCVLQIDN AKLAAEDFRL KYETERGIRL
TVEADLQGLN KVFDDLTLHK TDLEIQIEEL NKDLALLKKE HQEEVDGLHK HLGNTVNVEV DAAPGLNLGV
IMNEMRQKYE VMAQKNLQEA KEQFERQTAV LQQQVTVNTE ELKGTEVQLT ELRRTSQSLE IELQSHLSMK
ESLEHTLEET KARYSSQLAN LQSLSSLEA QLMQIRS NME RQNNYHILL DIKTRLEQEI ATYRRLLGE
DVKTTTEYQLS TLEERDIKKT RKIKTVVQEV VDGKVSSEV KEVEENI.

