

## 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 SGLVPRGSH MGSMDFSRRS FHRSLSSSLQ APVVSTVGMQ RLGTTPSVYG  
GAGGRGIRIS NSRHTVNYGS DLTGGDLFV GNEKMAMQNL NDRLASYLEK VRTLEQSNSK  
LEVQIKQWYE TNAPRAGRDY SAYYRQIEEL RSQIKDAQLQ NARCVLQIDN AKLAAEDFRL  
KYETERGIRL TVEADLQGLN KVFDDLTLHK TDLEIQIEEL NKDLALLKKE HQEEVDGLHK  
HLGNTVNVEV DAAPGLNLGV IMNEMRQKYE VMAQKNLQEA KEQFERQTAV LQQQVTVNTE  
ELKGTEVQLT ELRRTSQSLE IELQSHLSMK ESLEHTLEET KARYSSQLAN LQSLSSLEA  
QLMQIRSNME RQNNEYHILL DIKTRLEQEI ATYRRLLERGE DVKTTEYQLS TLEERDIKKT  
RKIKTVVQEV VDGKVSSEV KEVEENI.

