

Product datasheet for **AR50784PU-S**

Cytokeratin 20 (1-424, His-tag) Human Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Cytokeratin 20 (1-424, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMDFSRRS FHRSLSSSLQ APVSTVGMQ RLGTTPSVYG GAGGRGIRIS NSRHTVNYGS DLTGGGDLFV GNEKMAMQNL NDRLASYLEK VRTLEQSNSK LEVQIKQWYE TNAPRAGRDY SAYYRQIEEL RSQIKDAQLQ NARCVLQIDN AKLAAEDFRL KYETERGIRL TVEADLQGLN KVFDLTLHK TDLEIQIEEL NKDLALLKKE HQEEVDGLHK HLGNTVNVEV DAAPGLNLGV IMNEMRQKYE VMAQKNLQEA KEQFERQTAV LQQQVTVNTE ELKGTEVQLT ELRRTSQSLE IELQSHLSMK ESLEHTLEET KARYSSQLAN LQSLSSLEA QLMQIRSNME RQNNEYHILL DIKTRLEQEI ATYRRLLEGE DVKTTEYQLS TLEERDIKKT RKIKTVVQEV VDGKVSSEV KEVEENI |
| Tag: | His-tag |
| Predicted MW: | 50.9 kDa |
| Concentration: | lot specific |
| Purity: | >85% 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 KRT20 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_061883 |
| Locus ID: | 54474 |
| UniProt ID: | P35900 |
| Cytogenetics: | 17q21.2 |



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Synonyms: CD20; CK-20; CK20; K20; KRT21

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. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq, Jul 2008]

Product images:

