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32-4071: Recombinant Human Cytokeratin 16

Alternative Name :	Keratin,type I cytoskeletal 16,Cytokeratin 16,KRT16,Cytokeratin-16,CK-16,Keratin-16,K16,KRT16A,FNEPPK,K1CP,NEPPK.

Description

Source : Escherichia Coli. KRT16 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 496 amino acids (1-473) and having a molecular mass of 53.7 kDa.KRT16 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Cytokeratin 16, also known as KRT16, is a member of the keratin gene family. KRT16 which acts as a regulator of innate immunity in response to skin barrier breach is required for some inflammatory checkpoint for the skin barrier maintenance. KRT16 is coexpressed with keratin 14 in a few epithelial tissues as esophagus, tongue, and hair follicles.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The KRT16 solution (1mg/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).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMTTCSRQ FTSSSSMKGS CGIGGGIGGG SSRISSVLAG GSCRAPSTYG GGLSVSSRFS SGGACGLGGG YGGGFSSSSS FGSGFGGGYG GGLGAGFGGG LGAGFGGGFA GGDGLLVGSE KVTMQNLNDR LASYLDKVRA LEEANADLEV KIRDWYQRQR PSEIKDYSPY FKTIEDLRNK IIAATIENAQ PILQIDNARL AADDFRTKYE HELALRQTVE ADVNGLRRVL DELTLARTDL EMQIEGLKEE LAYLRKNHEE EMLALRGQTG GDVNVEMDAA PGVDLSRILN EMRDQYEQMA EKNRRDAETW FLSKTEELNK EVASNSELVQ SSRSEVTELR RVLQGLEIEL QSQLSMKASL ENSLEETKGR YCMQLSQIQG LIGSVEEQLA QLRCEMEQQS QEYQILLDVK TRLEQEIATY RRLLEGEDAH LSSQQASGQS YSSREVFTSS SSSSSRQTRP ILKEQSSSSF SQGQSS.

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