

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 SGLVPRGSH GSMTTCSRQ FTSSSSMKGS CGIGGGIGGG SSRISVLAG
GSCRAPSTYG GGLSVSSRFS SGGACGLGGG YGGGFSSSSS FGSGFGGGYG GGLGAGFGGG
LGAGFGGGFA GGDGLLVGSE KVTMQNLNDR LASYLDKVRA LEEANADLEV KIRDWYQRQR
PSEIKDYSY FKTIEDLRNK IIAATIENNAQ PILQIDNARL AADDFRTKYE HELALRQTVE
ADVNLRRVL DELTLARTDL EMQIEGLKEE LAYLRKNHEE EMLALRGQTG GDVNVEMDAA
PGVDLSRILN EMRDQYEQMA EKNRRDAETW FLSKTEELNK EVASNSELVQ SSRSEVTELR
RVLQGLEIEL QSQLSMKASL ENSLEETKGR YCMQLSQQG LIGSVEEQLA QLRCEMEQQS
QEYQILLDVK TRLEQEIATY RRLLEGEDAH LSSQQASGQS YSSREVFTSS SSSSSRQTRP
ILKEQSSSSF SQGQSS.

