

Cytokeratin 16 Human Recombinant

Item Number	rAP-3155
Synonyms	Keratin, type I cytoskeletal 16, Cytokeratin 16, KRT16, Cytokeratin-16, CK-16, Keratin-16, K16, KRT16A, FNEPPK, K1CP, NEPPK.
Description	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.
Uniprot Accession Number	P08779
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMTTCSRQ FTSSSSMKGS CGIGGGIGGG SSRISVLAG GSCRAP-STYG GGLSVSSRF SGGACGLGG YGGGFSSSS FGSGFGGGYG GGLGAGFGGG LGAGFGGGFA GGDGLLVGSE KVTMQNLNDR LASYLDKVR LEEANADLEV KIRDWYQRQR PSEIKDYSPY FKTIEDLRNK IIAATIENAQ PILQIDNARL AADDFRTKYE HELALRQTVE ADVNGLRRVL DELTLARTDL EMQIEGLKEE LAYLRKNHEE EMLALRGQTG GDVNVEMDAA PGVDLSRILN EMRDQYEQMA EKNRRDAETW FLSKTEELNK EVASNSELVQ SSRSEVTELR RVLQGLEIEL QSQLSMKASL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The KRT16 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**