

Cytokeratin 5 Human Recombinant

Item Number	rAP-3156
Synonyms	Keratin 5, KRT5, EBS2, Epidermolysis Bullosa Simplex 2 Dowling-Meara/Kobner/Weber-Cockayne Types, Keratin 5 (Epidermolysis Bullosa Simplex, Dowling-Meara/Kobner/Weber-Cockayne Types), 58 KDa Cytokeratin, Type-II Keratin Kb5, CK-5, K5, DDD1, CK5, DDD, KRT5A
Description	KRT5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 613 amino acids (1-590) and having a molecular mass of 64.8 kDa. KRT5 is fused to a 23 amino acid His-tag at N-terminus.
Uniprot Accession Number	P13647
Amino Acid Sequence	MGSSHHHHH SGLVPRGSH MGMSRQSSV SFRSGGSRSF STASAITPSV SRTSFTSVSR SGGGGGGGFG RVSLAGACGV GYGSRSLYN LGGSKRISIS TSGGSFRNRF GAGAGGGYGF GGGAGSGFGF GGGAGGGFGL GGGAGFGGGF GPGGFPVCPP GGIQEVTVNQ SLLTPLNLQI DPSIQVRTE EREQIKTLNN KFASFIDKVR FLEQQNKVLD TKWTLLQEQG TKTVRQNLEP LFEQYINNLR RQLDSIVGER GRLDSELNRM QDLVEDFKNK YEDEINKRTT AENEFVMLKK DVDAAYMNKV ELEAK- VDALM DEINFMKMFF DAELSQMQTH VSDTSVVL SM DNNRNLDLDS IIAEVKAQYE EIANRSRTEA
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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). Please avoid freeze thaw cycles.
Formulation and Purity	The KRT5 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85% 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**