

RPPB3826

Product Information Protein Information

Product SKU:

RPPB3826

Accession:

P13647

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered clear solution.

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, cytokeratin-5, Keratin, Type II Cytoskeletal 5, Cytokeratin-5, Keratin-5.

Formulation:

The KRT5 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMRQSSV SFRSGGSRSF STASAITPSV SRTSFTSVSR SGGGGGGGFG
RVSLAGACGV GYGSRSLYN LGGSKRISIS TSGGSFRNRF GAGAGGGYGF GGGAGSGFGF GGGAGGGFGL
GGGAGFGGGF GPGFVPCPP GGIQEVTVNQ SLLTPLNLQI DPSIQRVRTE EREQIKTLNN KFASFIDKVR
FLEQQNKVLD TKWTLLEQEQG TKTVRQNLEP LFEQYINNLR RQLDSIVGER GRLDSELRNM QDLVEDFKNK
YEDEINKRRT AENEFVMLKK DVDAAYMNKV ELEAKVDALM DEINFMKMF DAELSQQMTH VSDTSVVLMS
DNNRNLDLDS IIAEVKAQYE EIANRSRTEA ESWYQTKYEE LQQTAGRHDG DLRNKTHEIS EMNRMQRRLR
AEIDNVKKQC ANLQNAIADA EQRGELALKD ARNKLAEELE ALQKAKQDMA RLLREYQELM NTKLALDVEI
ATYRKLLEGE ECRLSGEGVG PVNISVVTSS VSSGYGSGSG YGGGLGGGLG GGLGGGLAGG GSGSYSSSS
GGVLSGGLS VGGSGFSASS GRGLGVGFGS GGGSSSSVKF VSTSSSRKS FKS.