

Uroplakin 2 Human Recombinant

Item Number	rAP-5047
Synonyms	Uroplakin-2, UP2, Uroplakin II, UPII, UPK2.
Description	UPK2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 153 amino acids (26-155 a.a) and having a molecular mass of 16.2kDa.UPK2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O00526
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSDFNISL SGLLSPALTE SLLVALPPCH LTGGNATLMV RRANDS-KVVT SSFVVPVPCRG RRELVSVDVS GAGFTVTRLA AYQVTNLVPG TKFYISYLVK KGTATESSRE IP-MSTLPRRN MESIGLGMAR TGG.
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	UPK2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2M UREA and 10% glycerol. Greater than 95.0% 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**