

Uroplakin 3A Human Recombinant

Item Number	rAP-5048
Synonyms	Uroplakin 3A, UPK3, UPIII, Uroplakin III, UP3A.
Description	UPK3A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 214 amino acids (19-207 a.a.) and having a molecular mass of 23.1kDa. UPK3A is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O75631
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMVNLQP QLASVTFATN NPTLTTVALE KPLCMFDSKE ALTGTH-EVYL YVLVDSAIR NASVQDSTNT PLGSTFLQTE GGRTGPYKAV AFDLIPCSDL PSLDAIGDVS KASQILNAYL VRVGANGTCL WDPNFQGLCN PPLSAAATEYR FKYVLMVNMST GLVEDQTLWS DPIRTNQLTP YSTIDTWPGR RSGG.
Source	E.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	UPK3A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 150mM NaCl, 2mM DTT and 20% glycerol. Greater than 90% 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**