9051 Mira Mesa Blvd, #910094
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UPK2 Human

Uroplakin 2 Human Recombinant
RCP2516

Product Overview

Name	UPK2 Human
Description	
Uroplakin 2 Human Recombinant	
Accession (Primary)	O00526
Synonyms	
Uroplakin-2, UP2, Uroplakin II, UPII, UPK2.	
Introduction	
Uroplakin 2 (UPK2) is one of the proteins of the highly urothelium-specific integral membrane proteins of the asymmetric unit membrane which forms urothelium apical plaques in mammals. The asymmetric unit membrane is thought to strengthen the urothelium by preventing cell rupture during bladder distention. The UPK2 protein is expressed in the peripheral blood of bladder cancer patients with transitional cell carcinomas.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
UPK2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2M UREA and 10% glycerol.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS DFNISSL SGLLSPALTE SLLVALPPCH LTGGNATLMV RRANDSKVVT SSFVVPPCRG RRELVSVVDS GAGFTVTRLS AYQVTNLVPG TKFYISYLVK KGTATESSRE IPMSTLPRRN MESIGLGMAR TGG.	
Precautions	
UPK2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (O00526)