9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-5193: Recombinant Human Uroplakin 2

Alternative Name : Uroplakin-2,UP2,Uroplakin II,UPII,UPK2.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	UPK2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2M UREA and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSDFNISSL SGLLSPALTE SLLVALPPCH LTGGNATLMV RRANDSKVVT SSFVVPPCRG RRELVSVVDS GAGFTVTRLS AYQVTNLVPG TKFYISYLVK KGTATESSRE IPMSTLPRRN MESIGLGMAR TGG.

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