

32-5194: Recombinant Human Uroplakin 3A

Alternative Name : Uroplakin 3A,UPK3,UPIII,Uroplakin III,UP3A.

Description

Source : E.coli. 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. UPK3A is a member of the uroplakin-3 family. Uroplakins (UP) which are transmembrane proteins are important components of the urothelium that pass the lipid bilayer once (UPII, UPIIIa, and UPIIIb) or four times (UPIa and UPIb; both members of the 'tetraspanin' family). All hold great luminal/extracellular domains, but only UPIIIa and UPIIIb have significant cytoplasmic shares in their C-termini. UPK3A is an extremely specific and moderately sensitive immunohistochemical marker for primary and metastatic urothelial carcinomas. Alterations in this gene are related to renal adysplasia.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	UPK3A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 150mM NaCl, 2mM DTT and 20% 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 SGLVPRGSH MGSHMVNLQP QLASVTFATN NPTLTTVALE KPLCMFDSKE ALTGTHEVYL YVLVDSAISR NASVQDSTNT PLGSTFLQTE GGRTGPYKAV AFDLIPCSDL PSLDAIGDVS KASQILNAYL VRVGANGTCL WDPNFQGLCN PPLSAATEYR FKYVLVNMST GLVEDQTLWS DPIRTNQLTP YSTIDTWPGR RSGG.