

UPK3A, human recombinant protein
Uroplakin 3A, UPK3, UPIII, Uroplakin III, UP3A
Catalog # PBV10818r

Specification

UPK3A, human recombinant protein - Product info

Primary Accession [075631](#)
Calculated MW 23.1 kDa KDa

UPK3A, human recombinant protein - Additional Info

Gene ID 7380
Gene Symbol UPK3A

Other Names
Uroplakin 3A, UPK3, UPIII, Uroplakin III, UP3A

Gene Source Human
Source E. Coli
Assay&Purity SDS-PAGE; ≥90%
Assay2&Purity2 HPLC;
Recombinant Yes
Sequence MGSSHHHHHH SGLVPRGSH
MGSHMVNLQP QLASVTFATN NPTLTTVALE
KPLCMFDSKE ALTGTHEVYL YVLVDSAISR
NASVQDSTNT PLGSTFLQTE GGRTGPYKAV
AFDLIPCSDL PSLDAIGDVS KASQILNAYL
VRVGANGTCL WDPNFQGLCN PPLSAATEYR
FKYVLVMST GLVEDQTLWS DPIRTNQLTP
YSTIDTWPGR RSGG

Target/Specificity
UPK3A

Format
Liquid

Storage
-20°C; Sterile filtered colorless solution of 0.25 mg/ml containing 20 mM Tris-HCl buffer (pH 8.0), 150 mM NaCl, 2 mM DTT and 20% glycerol.

UPK3A, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UPK3A, human recombinant protein - Images

UPK3A, human recombinant protein - Background

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.

UPK3A, human recombinant protein - References

Geall K., et al. Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Yuasa T., et al. Jpn. J. Cancer Res. 89:879-882(1998).
Collins J.E., et al. Genome Biol. 5:R84.1-R84.11(2004).
Dunham I., et al. Nature 402:489-495(1999).
Lobban E.D., et al. Am. J. Pathol. 153:1957-1967(1998).