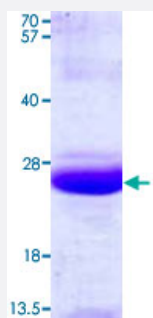


UPK3A (Human) Recombinant Protein

Catalog # P4324

Size 50 ug

Applications



Specification

Product Description	Human UPK3A (BAA31460, 19 a.a. - 207 a.a.) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMVNLQPQLASVTFATNNPTLTVALEKPLCMFDSKEALT GTHEVYLYVLVDSAISRNASVQDSTNTPLGSTFLQTEGGRTGPYKAVAFDLIPCSDLPSLDAIGDV SKASQILNAYLVRVGANGTCLWDPNFQGLCNPPLSAATEYRFKYVLVNMSTGLVEDQTLWSDPIR TNQLTPYSTIDTWPGRSSGG
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	23.1
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Concentration	0.25 mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	15% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 20 mM Tris-HCl buffer, 150 mM NaCl, pH 8.0 (20% glycerol, 2 mM DTT).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — UPK3A

Entrez GeneID [7380](#)

Protein Accession# [BAA31460](#)

Gene Name UPK3A

Gene Alias MGC119178, UP111, UP111A, UPK3

Gene Description uroplakin 3A

Omim ID [611559](#)

Gene Ontology [Hyperlink](#)

Gene Summary Uroplakins (UPK) are integral membrane proteins that form 2-dimensional crystalline arrays termed urothelial plaques that cover more than 90% of the apical urothelial surface. The asymmetric unit membrane (AUM) forms the apical plaques of urothelium and is believed to strengthen the urothelial apical surface and prevent the cells from rupturing during bladder distention. The 4 major conserved integral membrane proteins of the AUM are UPK1A (MIM 611557), UPK1B (MIM 602380), UPK2 (MIM 611558), and UPK3A.[supplied by OMIM]

Other Designations OTTHUMP00000028951|uroplakin III

Disease

- [Vesico-Ureteral Reflux](#)