

### 32-9054: Recombinant Human Uroplakin-2/UPK2 (C-His)

**Alternative Name :** Uroplakin-2; UP2; Uroplakin II; UP11; UPK2

#### Description

Source : Human Cells;

Uroplakin-2 is a single-pass type I membrane protein that belongs to the uroplakin-2 family. Uroplakin-2 is a component of the asymmetric unit membrane (AUM) and expressed in the ureter, a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. Uroplakin-2 forms heterodimer with UPK1A that is necessary for exiting out of the endoplasmic reticulum (ER). Uroplakin-2 may play an important role in regulating the assembly of the AUM. AUM is believed to strengthen the urothelium by preventing cell rupture during bladder distention.

#### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4

**Amino Acid :** Recombinant Human Uroplakin-2 is produced by Human cells system and the target gene encoding Asp26-Gly155 is expressed with a 6His tag at the C-terminus.