

## Recombinant mouse SLC10A2 protein, N-Sumo

Catalog Number: bs-41358P

Concentration: >0.5 mg/ml

AA Seq: 306-348/348

Predicted MW: 17.6

Detected MW: 24 kDa

Tags: N-Sumo

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** SLC10A2 plays a critical role in reabsorption of bile acids from the the small intestine lumen. Passive flow of sodium ions down their concentration gradient is coupled to bile acid movement, resulting in an increase in the concentration of bile acids in the interior of the cell. This action conserves the body's pool of re-circulating bile acid. SLC10A2 also plays a key role in cholesterol metabolism as cholesterol is the precursor molecule in bile acid synthesis mediated by CYP7A and FXR.

### VALIDATION IMAGES



The purity of the protein is greater than 86% as determined by reducing SDS-PAGE.



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.