

## SLC12A2 Protein, Human (Sf9, His, Strep, FLAG)

Cat. No.:	HY-P702022
Synonyms:	SLC12A2; Solute carrier family 12 member 2; Basolateral Na-K-Cl symporter; Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 2
Species:	Human
Source:	Sf9 insect cells
Accession:	P55011 (E2-S1212)
Gene ID:	6558
Molecular Weight:	

### PROPERTIES

Appearance	Solution.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	SLC12A2 protein functions as a cation-chloride cotransporter, facilitating the electroneutral transport of chloride, potassium, and/or sodium ions across cellular membranes. This transporter, as evidenced by various studies, holds a pivotal role in maintaining ionic balance and regulating cell volume. The intricate interplay between chloride, potassium, and sodium ions orchestrated by SLC12A2 underscores its significance in cellular homeostasis and ion transport processes, contributing to the overall functionality of the cell.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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