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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

SLC12A1 (Human) Recombinant Protein (Q01)

Catalog Number: H00006557-Q01

Regulation Status: For research use only (RUO)

Product Description: Human SLC12A1 partial ORF (NP_000329.1, 80 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

AKTDASFHAYDSHTNTYYLQTFGHNTMDAVPKIEYYR
NTGSISGPKVNRPSLLEIHEQLAKNVAVTPSSADRVAN
GDGIPGDEQAENKEDDQA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 35.97

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6557

Gene Symbol: SLC12A1

Gene Alias: BSC1, MGC48843, NKCC2

Gene Summary: The sodium-potassium-chloride cotransporter isoform 2 is kidney-specific and is found on the apical membrane of the thick ascending limb of Henle's loop and the macula densa. It accounts for most of the NaCl resorption with the stoichiometry of

1Na:1K:2Cl and is sensitive to such diuretics as furosemide and bumetanide. Some Bartter-like syndromes result from defects in this gene. [provided by RefSeq]