



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### SLC12A1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006557-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human SLC12A1 full-length ORF ( ENSP00000331550, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSLNNSSNVFLDSVPSNTNRFQVSVINENHESSAAAD  
DNTDPPHYEETSFGDEAQKRLRISFRPGNQECYDNFL  
QSGETAKTDASFHAYDSHTNTYYLQTFGHNTMDAVPK  
IEYYRNTGSISGPKVNRPSLLEIHEQLAKNVAVTPSSAD  
RVANGDGIPGDEQAENKEDDQAGVVKFGWVKGVLR  
CMLNIWGVMLFIRLSWIVGEAGIGLVLIILLSTMVTSIT  
GLSTSAIATNGFVRGGGAYYLISRSLGPEFGGSIGLIFA  
FANAVAVAMYVVGFAETVVDLLKESDSMMVDPTNDIRI  
IGSITVVILLGISVAGMEWEAKAQVILLVILLIAIANFFIGT  
VIPSNNEKKSARGFFNYQASIFAENFGPRFTKGEFFSV  
FAIFFPAATGILAGANISGDLEALRKQGASPLPQGAQS  
RRRRQTSLI

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 72.9

**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]