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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

SLC24A6 (Human) Recombinant Protein (P01)

Catalog Number: H00080024-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC24A6 full-length ORF (NP_079235.2, 1 a.a. - 584 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAGRRLNLRWALSVLVLLMAETVSGTRGSSTGAHIS
PQFPASGVNQTPVVDRCRKCGLNVSDRCDFIRTNPDC
HSDGGYLDYLEGIFCHFPPSLPLAVTLYVSWLLYFLI
LGVTAAKFFCPNLSAISTTLKLSHNVAGVTFLAFNGA
PDFSALVAFSDPHTAGLALGALFGAGVLVTTVVAGGIT
ILHPFMAASRPFFRDIVFYMVAVFLTFLMLFRGRVTLA
WALGYLGLYVFYVVTVILCTWIYQRQRGSLFCMPMPV
TPEILSDSEEDRVSSNTNSYDYGDEYRPLFFYQETTAQ
ILVRALNPLDYMKWRRKSAYWKALKVFKLPVEFLLLT
VPVVDPKDDQNWKRP LNCLHLVISPLVVVLTLSQGT
YGVYEIGGLVPVWVVVIAGTALASVTFATSDSQPPR
LHWLFAFLGFLTSALWINAAATEVVNLRSLGVVFRSLN
TVLGLTLLAWGNSIGDAFSDFTLARQGYPRMAFSACF
GGIIFNILVGVGLGCLLQISRSHTEVKLEPDGLLVWVLA
GALGLSLVFSVPLQCFQLSRVYGFCLLLFYLNFLV
VALLTEFGVIHLKSM

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 90.6

Interspecies Antigen Sequence: Mouse (83); Rat (82)

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: 80024

Gene Symbol: SLC24A6

Gene Alias: FLJ22233, NCKX6, NCLX

Gene Summary: SLC24A6 belongs to a family of potassium-dependent sodium/calcium exchangers that maintain cellular calcium homeostasis through the electrogenic countertransport of 4 sodium ions for 1 calcium ion and 1 potassium ion (Cai and Lytton, 2004 [PubMed 14625281]).[supplied by OMIM]

References:

1. Lon upregulation contributes to cisplatin resistance by triggering NCLX-mediated mitochondrial Ca²⁺ release in cancer cells. Vidhya Tangeda, Yu Kang Lo, Ananth Ponneri Babuhasankar, Han-Yu Chou, Cheng-Liang Kuo, Yung-Hsi Kao, Alan Yueh-Luen Lee, Jang-Yang Chang. Cell Death Dis. 2022 Mar 16;13(3):241. doi: 10.1038/s41419-022-04668-1.