

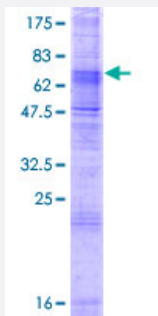
Full-Length

SLC24A5 (Human) Recombinant Protein (P01)

Catalog # H00283652-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC24A5 full-length ORF (NP_995322.1, 1 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQTKGGQTWARRALLLGILWATAHLPLSGTSLPQRLPRATGNSTQCVISPSSEFPEGFFTRQERR
DGGIIYFLIIVYMFMAISVCDEYFLPSLEIISESLGLSQDVAGTTFMAAGSSAPELVTAFLGVFITKGD
GISTILGSAYNLLGICAACGLLSNTVSTLSCWPLFRDCAAYTISAAAVLGIYDNQVYWYEGALLLIY
GLYVLVLCFDIKINQYIHKCSPCCACLA KAMERSEQQLMGWEDEGQPFIRRSRTDSGIFYEDS
GYSQLSISLHGLSQVSEDPSPSVFNMPEADLKRFVWLSLPITLLFLTPDCRKKFWKNYFVITFFMS
AWISAFYILVWMVTITGETLEIPDTVMGLTLLAAGTSIPDTIASVLVARKGKGDMAMSNIVGSNVFD
MLCLGIPWFIKTA FINGSAPAEVNSRGLTYTISLNIIFLFLAVHFNKGWKLDRKLGIVCLLSYLGATL
SVLYELGIIGNNKIRGCGG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SLC24A5

Entrez GeneID[283652](#)**GeneBank Accession#**[NM_205850.2](#)**Protein Accession#**[NP_995322.1](#)**Gene Name**

SLC24A5

Gene Alias

JSX, NCKX5, SHEP4

Gene Description

solute carrier family 24, member 5

Omim ID[609802](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the potassium-dependent sodium/calcium exchanger family and encodes an intracellular membrane protein with 2 large hydrophilic loops and 2 sets of multiple transmembrane-spanning segments. Sequence variation in this gene has been associated with differences in skin pigmentation. [provided by RefSeq]

Other Designations

ion transporter JSX|solute carrier family 24 (sodium/potassium/calcium exchanger), member 5

Disease

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- [Carcinoma](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Malignant melanoma](#)
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- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)