

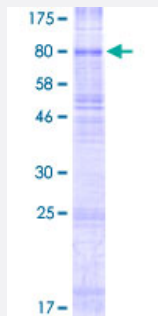
Full-Length

SLC22A11 (Human) Recombinant Protein (P01)

Catalog # H00055867-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC22A11 full-length ORF (NP_060954.1, 1 a.a. - 550 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAFSKLLEQAGGVGLFQTLQVLTFILPCLMIPSQMLLENFSAAIPGHRCWTHMLDNGSAVSTNMT
PKALLTISIPPGPNQGP HQCRRFRQPQWQLDPNATATSWSEADTEPCVDGWVYDRSVFTSTIV
AKWDLVCSSQGLKPLSQSIFMSGILVGSFIWGLLSYRFGRKPMLSWCCLQLAVAGTSTIFAPTFVI
YCGLRFVAAF GMAGIFLSSLTLMVEWTTTSRRAVTMTVVGCASFAGQAALGGLAFALRDWRTLQ
LAASVPFFAISLISWWLPESARWLIKGKPDQALQELRKVARINGHKEAKNLTIEVLMSSVKEEVAS
AKEPRSVLDLFCVPVLRWRSCAMLVVNFSLLISYYGLVFDLQSLGRDIFLLQALFGAVDFLGRATT
ALLSFLGRRTIQAGSQAMAGLAILANMLVPQDLQTLRVVFAVLGKGCFGISLTCLTYKAELFPTPV
RMTADGILHTVGRLGAMMGPLILMSRQALPLLPLLYGVISIASSLVVLFPLPETQGLPLPDTIQDLE
SQKSTAAQGNRQEAVTVESTSL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

86.4

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 — SLC22A11

Entrez GeneID[55867](#)**GeneBank Accession#**[NM_018484.2](#)**Protein Accession#**[NP_060954.1](#)**Gene Name**

SLC22A11

Gene Alias

MGC34282, OAT4, hOAT4

Gene Description

solute carrier family 22 (organic anion/urate transporter), member 11

Omim ID[607097](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and is found mainly in the kidney and in the placenta, where it may act to prevent potentially harmful organic anions from reaching the fetus. [provided by RefSeq]

Other Designations

organic anion transporter 4|solute carrier family 22 (organic anion/cation transporter), member 11|
solute carrier family 22 member 11

Disease

- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Gout](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Osteoporosis](#)