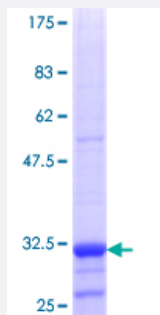


SLC22A12 (Human) Recombinant Protein (Q02)

Catalog # H00116085-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC22A12 partial ORF (NP_653186.2, 281 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ESARWLLTTGRLDWGLQELWRVAAINGKGAVQDTLTPEVLLSAMREELSMGQPPASLGTLLRMPGLRFR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.33
Interspecies Antigen Sequence	Mouse (74); Rat (74)
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 — SLC22A12

Entrez GeneID [116085](#)

GeneBank Accession# [NM_144585](#)

Protein Accession# [NP_653186.2](#)

Gene Name SLC22A12

Gene Alias OAT4L, RST, URAT1

Gene Description solute carrier family 22 (organic anion/urate transporter), member 12

Omim ID [220150 607096](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a urate transporter and urate-anion exchanger which regulate s the level of urate in the blood. This protein is an integral membrane protein primarily found in kid ney. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq

Other Designations OTTHUMP00000042665|organic anion transporter 4-like|solute carrier family 22 (organic anion/c ation transporter), member 12|solute carrier family 22 member 12|urate anion exchanger 1|urate tr ansporter 1

Disease

- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Gout](#)

- [Hemochromatosis](#)
- [Hyperuricemia](#)
- [Iron Overload](#)
- [Kidney Diseases](#)