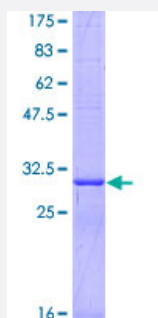


SLC22A3 (Human) Recombinant Protein (Q01)

Catalog # H00006581-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC22A3 partial ORF (NP_068812, 90 a.a. - 155 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CQRYLLEAANDSASATSALSCADPLAAFPNRSAPLVPCRGGWRYAQAHSTIVSEFDLVCVNAWMLD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33
Interspecies Antigen Sequence	Mouse (73); 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 — SLC22A3

Entrez GeneID	6581
GeneBank Accession#	NM_021977
Protein Accession#	NP_068812
Gene Name	SLC22A3
Gene Alias	EMT, EMTH, OCT3
Gene Description	solute carrier family 22 (extraneuronal monoamine transporter), member 3
Omim ID	604842
Gene Ontology	Hyperlink
Gene Summary	Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. [provided by RefSeq]
Other Designations	EMT organic cation transporter 3 OTTHUMP00000017542 extraneuronal monoamine transporter organic cation transporter 3 solute carrier family 22 member 3

Disease

- [Amphetamine-Related Disorders](#)
- [Cholestasis](#)
- [Coronary Artery Disease](#)

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Psychoses](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)