

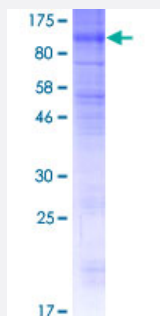
Full-Length

SLCO4C1 (Human) Recombinant Protein (P01)

Catalog # H00353189-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLCO4C1 full-length ORF (AA152990.1, 1 a.a. - 724 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKSAKGIEENLAFVPSSPDILRRLSASPSQIEVSALSSDPQRENSQPQELQKPQEPQKSPEPSLPS
APPNVSEEKLRSLSLSEFEESYGWRNFHPQCLQRCNTPGGFLLHYCLLAVTQGMVNGLVNISIS
TVEKRYEMKSSLTGLISSYDISFCLLSLFVSFFGERGHKPRWLAAAFMIGLGALVFSLPQFFSG
EYKLGSLFEDTCVTTRNSTSCTSSTSSLSNYLYVILGQLLLGAAGTPLYTLGTAFLDDSVPTHKSS
LYGTGYAMSILGPAIGYVLGGQLLTMDVAMGESTDVTEDDPRWLGAWWIGFLLSWIFAWSLIIPFS
CFPKHLPGTAEIQAGKTSQAHQSNSNADVKFGKSIKDFPAALKNLMKNAVFMCLVLSTSSEALITT
GFATFLPKFIENQFGLTSSFAATLGGAVLIPGAALGQILGGFLVSKFRMTCKNTMKFALFTSGVALT
LSFVFMYAKCENEPFAGVSESYNGTGELGNLIAPCNANCNCSRSYYYPVCGDGVQYFSPCFAGC
SNPVAHRKPKVYYNCSCIERKTEITSTAETFGFEAKAGKCETHCAKLPIFLCFFVIFTFMAGTPITV
SILRCVNHQRSLALGIQFMVLRLLGTIPGPIIFGFTIDSTCILWDINDCGIKGACWYDNIKMAHMLVAI
SVTCKVITMFFNGFAIFLYKPPPSATDVSFHKENAVVTNVLAEQDLNKMKEG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

106.59

Interspecies Antigen Sequence

Mouse (81); Rat (81)

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 — SLCO4C1

Entrez GeneID	353189
GeneBank Accession#	BC152989
Protein Accession#	AAI52990.1
Gene Name	SLCO4C1
Gene Alias	OATP-H, OATP-M1, OATP4C1, OATPX, PRO2176, SLC21A20
Gene Description	solute carrier organic anion transporter family, member 4C1
Omim ID	609013
Gene Ontology	Hyperlink
Gene Summary	SLCO4C1 belongs to the organic anion transporter (OATP) family. OATPs are involved in the membrane transport of bile acids, conjugated steroids, thyroid hormone, eicosanoids, peptides, and numerous drugs in many tissues (Mikkaichi et al., 2004 [PubMed 14993604]).[supplied by OMIM]
Other Designations	-

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hypertension](#)