

Recombinant Mouse Slco4a1 Protein, His-tagged

Cat. No. Slco4a1-2702M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Slco4a1 Protein (Phe474-Leu582) with a N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe474-Leu582
Description	Predicted to enable sodium-independent organic anion transmembrane transporter activity and thyroid hormone transmembrane transporter activity. Predicted to be involved in sodium-independent organic anion transport and thyroid hormone metabolic process. Predicted to act upstream of or within organic anion transport. Predicted to be located in plasma membrane. Predicted to be integral component of membrane. Predicted to be integral component of plasma membrane. Is expressed in central nervous system; hippocampus; retina inner nuclear layer; retina layer; and retina outer nuclear layer. Orthologous to human SLCO4A1 (solute carrier organic anion transporter family member 4A1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.7 kDa Accurate Molecular Mass: 15 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Slco4a1 solute carrier organic anion transporter family, member 4a1 [Mus musculus (house mouse)]
Official Symbol	Slco4a1
Synonyms	Slco4a1; solute carrier organic anion transporter family, member 4a1; OATP-E; Slc21a12; solute carrier organic anion transporter family member 4A1 organic anion-transporting polypeptide E sodium-independent organic anion transporter E solute carrier family 21 (organic anion transporter), member 12 solute carrier family 21 member 12

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	108115
mRNA Refseq	NM_148933
Protein Refseq	NP_683735
UniProt ID	Q8K078
	