

SLCO2B1 Protein, Human, Recombinant (His & Myc)

General Information

Synonyms:	OATP2B1;Solute carrier family 21 member 9;OATPB;Solute carrier organic anion transporter family member 2B1;Organic anion transporter polypeptide-related protein 2 (OATP-RP2; OATPRP2);Organic anion transporter B (OATP-B);Organic anion transporting polypeptide 2B1 (OATP2B1);SLC21A9;KIAA0880;SLCO2B1
Protein Construction:	461-564 aa
Species:	Human
Expression Host:	E. coli
Accession:	O94956
Molecular Weight:	18.4 kDa (predicted)
AA Sequence:	FFIGCSSHQIAGITHQTSAHPLGLELSPSCMEACSCPLDGFNPVCDPSTRVEYITPCHAGCSSWVVQDALDNSQ VFYTNCSCVVEGNPVLGASCDSTCSHLVVPF

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Mediates the Na(+)-independent transport of organic anions such as taurocholate, the prostaglandins PGD2, PGE1, PGE2, leukotriene C4, thromboxane B2 and iloprost.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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