

# Recombinant Human SLCO5A1 protein, His-tagged

**Cat. No.** SLCO5A1-2998H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLCO5A1 protein(1-128 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-128 aa                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | MDEGTGLQPGAGEQLEAPATAEAVQERCEPETLRKSLPVLSSASCRPSLSPTSGD<br>ANPAFGCVDSSGHQELKQGPNPLAPSPSAPSTSAGLGDCNHRVDLSKTFSVSSALA<br>MLQERRCLYVVLTDNR                                                                                                                                             |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.                                                                                                                                                                                                          |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SLCO5A1 solute carrier organic anion transporter family, member 5A1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                       |
| <b>Official Symbol</b> | SLCO5A1                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | SLCO5A1; solute carrier organic anion transporter family, member 5A1; SLC21A15, solute carrier family 21 (organic anion transporter), member 15; solute carrier organic anion transporter family member 5A1; OATP J; OATP5A1; OATPRP4; solute carrier family 21 member 15; organic anion transporter polypeptide-related protein 4; solute carrier family 21 (organic anion transporter), member 15; OATP-J; OATP-RP4; SLC21A15; FLJ39560; |
| <b>Gene ID</b>         | 81796                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_001146008                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_001139480                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>             | 613543                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | Q9H2Y9                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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