

## Recombinant Human SLC16A2 Protein (A2-I539), 8xHis-MBP, Flag tagged

Cat. No. SLC16A2-1346S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human 8His-MBP-TEV-(GG)-SLC16A2(A2-I539)-Flag Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	A2-I539
<b>Description</b>	Very active and specific thyroid hormone transporter. Stimulates cellular uptake of thyroxine (T4), triiodothyronine (T3), reverse triiodothyronine (rT3) and diiodothyronine. Does not transport Leu, Phe, Trp or Tyr.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

**Storage Buffer**

Formulation:

**Shipping**

It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name**

SLC16A2 solute carrier family 16, member 2 (thyroid hormone transporter) [ Homo sapiens (human) ]

**Official Symbol**

SLC16A2

**Synonyms**

SLC16A2; solute carrier family 16, member 2 (thyroid hormone transporter); AHDS, Allan Herndon Dudley syndrome, DXS128, mental retardation, X linked 22, MRX22, solute carrier family 16 (monocarboxylic acid transporters), member 2, solute carrier family 16 (monocarboxylic acid transporters), member 2 (putative transporter), solute carrier family 16, member 2 (monocarboxylic acid transporter 8); monocarboxylate transporter 8; MCT7; MCT8; XPCT; monocarboxylate transporter 7; X-linked PEST-containing transporter; AHDS; MCT 7; MCT 8; MRX22; DXS128; DXS128E;

**Gene ID**

6567

**mRNA Refseq**

NM\_006517

**Protein Refseq**

NP\_006508

**MIM**

300095

**UniProt ID**

P36021

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