

Recombinant Human SLC22A11 protein, His & T7-tagged

Cat. No. SLC22A11-1683H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC22A11 aa. (Met1~Asp254 (Accession # Q9NSA0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Asp254
Description	The protein encoded by this gene is involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and is found mainly in the kidney and in the placenta, where it may act to prevent potentially harmful organic anions from reaching the fetus. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	8.6

GENE INFORMATION

Gene Name	SLC22A11 solute carrier family 22 member 11 [Homo sapiens (human)]
Official Symbol	SLC22A11
Synonyms	SLC22A11; solute carrier family 22 member 11; OAT4; hOAT4; organic anion transporter 4; solute carrier family 22 (organic anion/cation transporter), member 11; solute carrier family 22 (organic anion/urate transporter), member 11
Gene ID	55867
mRNA Refseq	NM_001307985.1
Protein Refseq	NP_001294914.1

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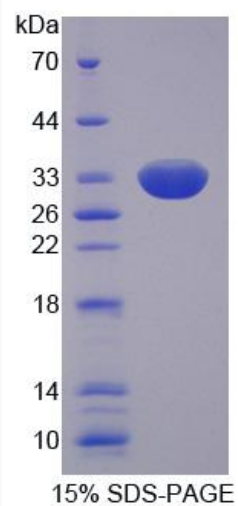
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UniProt ID

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SDS-PAGE

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