

Recombinant Human SLC22A16 protein, His-tagged

Cat. No. SLC22A16-2986H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC22A16 protein(48-150 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	48-150 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	PHHVCRPPGNVSQVVFHNHSNWSLEDTGALLSSGQKDYVTVQLQNGEIWELSRCS RNKRENTSSLGYEYTGSKKEFPCVDGYIYDQNTWKSTAVTQWNLVCDR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). 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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	SLC22A16 solute carrier family 22 (organic cation/carnitine transporter), member 16 [Homo sapiens]
Official Symbol	SLC22A16
Synonyms	SLC22A16; solute carrier family 22 (organic cation/carnitine transporter), member 16; solute carrier family 22 (organic cation transporter), member 16; solute carrier family 22 member 16; CT2; FLIPT2; OAT6; OKB1; flipt 2; WUGSC:RG331P03.1; carnitine transporter 2; organic cation transporter 6; fly-like putative transporter 2; organic cation transporter OKB1; organic cation/carnitine transporter 6; fly-like putative organic ion transporter 2; OCT6; dJ261K5.1;
Gene ID	85413
mRNA Refseq	NM_033125
Protein Refseq	NP_149116
MIM	608276
UniProt ID	Q86VW1

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