Recombinant Human SLC22A1 protein, His-SUMO-tagged

Cat. No. SLC22A1-8544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC22A1 protein(O15245)(43-149aa), fused with N-terminal His and SUMO tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	43-149aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	24.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence	GFTPDHHCQSPGVAELSQRCGWSPAEELNYTVPGLGPAGEAFLGQCRRYEVDWN QSALSCVDPLASLATNRSHLPLGPCQDGWVYDTPGSSIVTEFNLVCADSWKLD

GENE INFORMATION

Gene Name	SLC22A1 solute carrier family 22 (organic cation transporter), member 1 [Homo sapiens]
Official Symbol	SLC22A1
Synonyms	SLC22A1; solute carrier family 22 (organic cation transporter), member 1; solute carrier family 22 member 1; OCT1; organic cation transporter 1; HOCT1; oct1_cds;
Gene ID	6580
mRNA Refseq	NM_003057
Protein Refseq	NP_003048
MIM	602607
UniProt ID	O15245

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