

Product Datasheet

Human SLC31A1 protein (orb623978)

Description	Recombinant Human High affinity copper uptake protein 1 protein
Endotoxins	Not test.
Preservatives	Lyophilized from 20 mM Tris-HCl, 0.15 M NaCl, 0.05% DDM, 6% Trehalose, pH 8.0
Form/Appearance	Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	N-terminal 6xHis-SUMO-tagged
Note	For research use only
Application notes	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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Protein Sequence	MDHSHHMGMSYMSNSTMQPSHHPTTSASHSHGGDSSMMMMPMTFYFG FKNVELLFSGLVINTAGEMAGAFVAVFLLAMFYEGLKIARESLLRKSQVSIRYNSM PVPGPNGTILMETHKTVGQQLSFPHLLQTVLHIIQVVISYFLMLIFMTYNGYLCIA VAAGAGTGYFLFSWKKAVVVDITEHCH
Purity	Greater than 90% as determined by SDS-PAGE.
Source	in vitro E.coli expression system
MW	37.1 kDa
Uniprot ID	O15431
Expiration Date	6 months from date of receipt.