Copper Transporter 1 (COPT1) Recombinant Protein | COPT1 recombinant protein

Recombinant Copper Transporter 1 (COPT1)

CATALOG #	HOST	APPLICATIONS
AAA153615	**E coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Copper Transporter 1 (COPT1); Recombinant Copper Transporter 1 (COPT1); Copper Transporter 1; COPT1 recombinant protein (prokaryotic); Human; SLC31A1; CTR1; hCTR1; High Affinity Copper Uptake Protein 1; Solute Carrier Family 31 Member 1; COPT1 recombinant protein

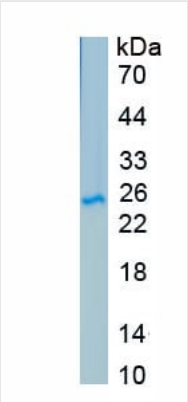
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Leu61
Applicable Applications for COPT1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.7
Subcellular Location	Secreted
Research Area	Metabolic pathway
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

MDHSHHMGMSYMDSNSTMQPSHHHPTTSASHSHGGGDSSMMMMPMTFYFGFKNVELLFSGL

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for COPT1 recombinant protein	Prokaryotic proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507015
NCBI GeneID	1317
NCBI Accession #	NP_001850.1
NCBI GenBank Nucleotide #	NM_001859.3
UniProt Accession #	O15431; Q53GR5; Q5T1M4; A8K8Z6
Molecular Weight	21,091 Da
NCBI Official Full Name	high affinity copper uptake protein 1
NCBI Official Synonym Full Names	solute carrier family 31 (copper transporter), member 1
NCBI Official Symbol	SLC31A1
NCBI Official Synonym Symbols	CTR1; COPT1
NCBI Protein Information	high affinity copper uptake protein 1; copper transporter 1; copper transport 1 homolog; solute carrier family 31 member 1; solute carrier family 31 (copper transporters), member 1
UniProt Protein Name	High affinity copper uptake protein 1
UniProt Gene Name	**SLC31A1**
UniProt Synonym Gene Names	COPT1; CTR1; hCTR1
UniProt Entry Name	COPT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/slc31a1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153615