

Copper transporter 5.1 (COPT5.1), Recombinant Protein

Cat *RP13690*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Copper transporter 5.1 (COPT5.1)

Product Gene Name

COPT5.1 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MMHMTFYWGK DVTILFDGWR TATWTGYLLS LVALLLASAF YQYLEAFRIR VKLLAGAKPA SIPPPASSDA
ARAPLLLPS AAGRWPALA TAGLFGVNSG LGYLLMLAVM SFNGGVFVAV VVGLAAGYLA FRSSDGEDLV
VVDNPCACA

Sequence Positions

1-149aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

15,780 Da

Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Protein Family

Copper transporter

NCBI Accession

XP_015651379.1

NCBI GI

1002294101

NCBI GenBank Nucleotide

XM_015795893.1

NCBI GeneID

4347173

NCBI Official Full Name

copper transporter 5.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

NCBI Official Symbol

LOC4347173

NCBI Official Synonym Symbols

COPT7; COPT5.1; OsCOPT5.1; OJ1344_B01.31

NCBI Protein Information

copper transporter 5.1; LOC_Os09g26900; Os09g0440700; putative COPT5

UniProt Gene Name

COPT5.1

UniProt Synonym Gene Names

OsCOPT5.1

UniProt Protein Name

Copper transporter 5.1

UniProt Entry Name

COP51_ORYSJ

UniProt Primary Accession

Q69P80

UniProt Related Accession

Q69P80

UniProt Comments

Involved in the transport of copper.

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