

Recombinant Full Length Rat Metal Transporter Cnnm4(Cnnm4) Protein, His-Tagged

Cat. No. RFL28355RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Metal transporter CNNM4(Cnnm4) Protein (P0C588) (1-772aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-772)
Form	Lyophilized powder
AA Sequence	MAPGGGGGRRDGWPARGRLLLAALLLLWTRAASGQSSPQQSVILGMRLASCNKS CGMNP DGII FVSEGSTVNLRLYGHRLGEISSNLISFTEVDDAETVHNSTNCLELTKDL VVQRLVN VSRGNTSGMLVVITKFLRRSENMKLYALCTRTRADGPWLKWKTDKDSLLF MVEEHGRFLPL WLHILLVLVLLVLSGIFSGNLGLMALDPMELRIVQNCGTEKERRY ARKIEPIRRKGNLY LCSLLLGNVLVNTSLTILLDNLIGSGIMAVASSTIGIVIFGEILPQAL CSRHGLAVGANT IVLTKIFMLLTFPLSFPISKLLDFVLGQEIRTVYNREKLMEMLKVTE PYNDLVKEELNMI QGALELRTKTVEDIMTQLHDCFMIRSDAILDFNTMSEIMESGYTR IPVFEDEQSNIVDIL YVKDLAFVDPDDCTPLKTITRFYNHPVHFVHDTKLDAMLEEF KKGKSHLAIVQKVNNNEG EGDPFYEVLGLVTLEDVIEEIIKSEILDESPTYDNRTRKR VSMKNKRDFSFAFKDADNEL KVKISPQLLLAAHRFLATEVPQFSPSLMSEKILLRLLKY PDVIQELRFDEHNKHCTRHYL YTRNKPADCFILILQGKVEVEAGKENMKFETGAFSY YGTMALSLAPPDRSPAHPPTPLSRS ASLSYPDRNTDMTPSSLAGSNQFGSCILGQYV

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	SDFSVRALTDLQYIKVTRQQYQNGLLAS RMDNSPQLTLDGCATCTENLSERPELPV VDETTTLLNERNLLLHRASQEGTI
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Cnm4
Synonyms	Cnm4; Acdp4; Metal transporter CNNM4; Ancient conserved domain-containing protein 4; Cyclin-M4
UniProt ID	P0C588