

Recombinant Human CNNM4 Protein, GST-tagged

Cat. No. CNNM4-1573H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CNNM4 full-length ORF (AAH63295.2, 1 a.a. - 775 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the ancient conserved domain containing protein family. Members of this protein family contain a cyclin box motif and have structural similarity to the cyclins. The encoded protein may play a role in metal ion transport. Mutations in this gene are associated with Jalili syndrome which consists of cone-rod dystrophy and amelogenesis imperfecta. [provided by RefSeq, Feb 2010]
Molecular Mass	113.1 kDa
AA Sequence	MAPVGGGGRPVGGPARGRLLLLAAPVLLVLLWALGARGQGSPQQGTIVGMRLASCN KSCGTNPDGIIFVSEGSTVNLRLYGYSLGNISNLSFTEVDDAETLHKSTSCLELT KD LVVQQLVNVSRNTSGVLVVLTKFLRRSESMKLYALCTRAQPDGPWLKWT DKDSL FMVEEPGRFLPLWLHILLITVLLVLSGIFSGNLGLMALDPMELRIVQNCGTEKERRYA RKIEPIRRKGNLYLLCSLLGNVLVNTSLTILLDNLIGSGLMAVASSTIGIVIFGEILPQAL CSRHGLAVGANTILLTKFFMLLTFFLSFPISKLLDFFLGQEIRTVYNREKLMEMLKVTE PYNDLVKEELNMIQGALELRKTVEDIMTQLQDCFMIRSDAILDFNTMSEIMESGYTRI PVFEDEQSNIVDILYVKDLAFVDPDDCTPLKTITRFYNHPVHFVFDTKLDAMLEEFK KGKSHLAIVQKVNNEGEGDPFYEVGLVLTLEDVIEEIIKSEILDESDMYTDNRSRKRV

 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

SEKNKRDFSFAFKDADNELKVKISPQLLAAHRFLATEVSQFSPSLISEKILLRLLKYPD
 VIQELKFDEHNKYYARHYLYTRNKPADYFILILQGKVEVEAGKENMKFETGAFSYYGT
 MALTSVPSDRSPAHTPLSRASLSYPDRDVTAAATLAGSSNQFGSSVLGQYISDF
 SVRALVDLQYIKITRQQYQNGLLASRMENSPQFPIDGCTTHMENLAEKSELPVVDET
 TTLLNERNSSLHKASHENAI

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CNNM4 cyclin M4 [Homo sapiens]

Official Symbol

CNNM4

Synonyms

CNNM4; cyclin M4; ACDP4; metal transporter CNNM4; KIAA1592; cyclin-M4; ancient conserved domain protein 4; ancient conserved domain-containing protein 4; FLJ37746; FLJ42791;

Gene ID

26504

mRNA Refseq

NM_020184

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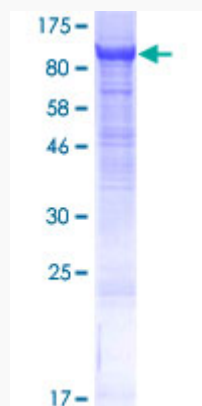
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Protein Refseq NP_064569

MIM 607805

UniProt ID Q6P4Q7

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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