Recombinant Full Length Human CNNM4 Protein, GST-tagged

Cat. No. CNNM4-1933HF **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	In Vitro Cell Free System
ProteinLength	775 amino acids
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	MAPVGGGGRPVGGPARGRLLLAAPVLLVLLWALGARGQGSPQQGTIVGMRLASCN KSCGTNPDGIIFVSEGSTVNLRLYGYSLGNISSNLISFTEVDDAETLHKSTSCLELTKD LVVQQLVNVSRRNTSGVLVVLTKFLRRSESMKLYALCTRAQPDGPWLKWTDKDSLL FMVEEPGRFLPLWLHILLITVLLVLSGIFSGLNLGLMALDPMELRIVQNCGTEKERRYA RKIEPIRRKGNYLLCSLLLGNVLVNTSLTILLDNLIGSGLMAVASSTIGIVIFGEILPQAL CSRHGLAVGANTILLTKFFMLLTFPLSFPISKLLDFFLGQEIRTVYNREKLMEMLKVTE PYNDLVKEELNMIQGALELRTKTVEDIMTQLQDCFMIRSDAILDFNTMSEIMESGYTRI PVFEDEQSNIVDILYVKDLAFVDPDDCTPLKTITRFYNHPVHFVFHDTKLDAMLEEFK

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	KGKSHLAIVQKVNNEGEGDPFYEVLGLVTLEDVIEEIIKSEILDESDMYTDNRSRKRV SEKNKRDFSAFKDADNELKVKISPQLLLAAHRFLATEVSQFSPSLISEKILLRLLKYPD VIQELKFDEHNKYYARHYLYTRNKPADYFILILQGKVEVEAGKENMKFETGAFSYYGT MALTSVPSDRSPAHPTPLSRSASLSYPDRTDVSTAATLAGSSNQFGSSVLGQYISDF SVRALVDLQYIKITRQQYQNGLLASRMENSPQFPIDGCTTHMENLAEKSELPVVDET TTLLNERNSLLHKASHENAI
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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Protein Refseq	NP_064569
MIM	607805
UniProt ID	Q6P4Q7

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