9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

COMMD1 Human

Copper Metabolism Domain Containing 1 Human Recombinant
RCP0491

Product Overview

Name	COMMD1 Human

Description

Copper Metabolism Domain Containing 1 Human Recombinant

Accession (Primary)	Q8N668

Synonyms

MURR1, C2orf5, COMMD1, Copper Metabolism Domain Containing 1, MGC27155.

Introduction

COMMD1 is accountable for inhibition of TNF-induced NFκB p50 and n facilitats of biliary copper excretion within hepatocytes. High expression of COMMD1 is localized in liver tissue, with lower expressions in lung, heart, kidney and brain tissue. COMMD1 interacts directly with COMMD6 and ATP7B, and indirectly with IκB-β and COMMD7.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

COMMD1 Human solution containing 20mM Tris pH-8, 0.1M NaCl & 20% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MAAGELEGGK PLSGLLNALA QDTFHGYPGI TEELLRSQLY PEVPPEEFRP FLAKMRGILK SIASADMDFN QLEAFLTAQT KKQGGITSDQ AAVISKFWKS HKTKIRESLM NQSRWNSGLR GLSWRVDGKS QSRHSAQIHT PVAIIELELG KYGQESEFLC LEFDEVKVNQ ILKTLSEVEE SISTLISQPN.

Precautions

COMMD1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (Q8N668)