
Product Data Sheet

Product Name: COMMD1 Human
 Cat. No.: GP23198
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MURR1; C2orf5; COMMD1; Copper Metabolism Domain Containing 1; MGC27155.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAAGELEGGK PLSGLLNALA QDTFHGYPGI TEELLRSQLY PEVPPEEFRP FLAKMRGILK SIASADMDFN QLEAFLTAQT KKQGGITSDQ AAVISKFWKS HKTKIRESLM NQSRWNSGLR GLSWRVGKGS QSRHSAQIHT PVAIIIELELG KYGQESEFLC LEFDEVKVNQ ILKTLSEVEE SISTLISQPN.		
Formulation	COMMD1 Human solution containing 20mM Tris pH-8, 0.1M NaCl & 20% glycerol.		

Introduction

COMMD1 is accountable for inhibition of TNF-induced NF- κ B p50 and facilitates 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 I κ B- κ T and COMMD7.

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.

Background

COMMD1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 210 amino acids (1-190 a.a.) and having a molecular mass of 23.3 kDa. The COMMD1 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA