

## COMMD1 Human

**Description:** 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.

Catalog #: PRPS-869

For research use only.

**Synonyms:** MURR1, C2orf5, COMMD1, Copper Metabolism Domain Containing 1, MGC27155.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MAAGELEGGK PLSGLLNALA  
QDTFHGYPGI TEELLRSQLY PEVPPPEFRP FLAKMRGILK SIASADMDFNQLEAFLTAQT  
KKQGGITSDQ AAVISKFWKS HKTKIRESLM NQSRWNSGLR GLSWRVDGKS QSRHSAQIHT  
PVAIIIEELG KYGQESEFLC LEFDEVKVNQ ILKTLSEVEE SISTLISQPN.

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

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

**Stability:**

COMMD1 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

COMMD1 is accountable for inhibition of TNF-induced NFB p50 and n 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 IB- and COMMD7.

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