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COMMD1 Protein (AA 1-190) (His tag)



Image



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Overview

Quantity:	50 μg
Target:	COMMD1
Protein Characteristics:	AA 1-190
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This COMMD1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	COMMD1, 1-190aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	COMMD1
Alternative Name:	COMMD1 (COMMD1 Products)
Background:	COMMD1, also known as copper metabolism MURR1 domain-containing protein 1, is a 190
	amino acid protein responsible for inhibition of TNF-induced NFkB p50 and has a suggested
	role in facilitation of biliary copper excretion within hepatocytes. High expression is found in
	liver tissue, with lower expressions in lung, heart, kidney and brain tissue. This protein interacts
	directly with COMMD6 and ATP7B, and indirectly with IkB-beta and COMMD7. Recombinant

Target Details

human COMMD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified
by using conventional chromatography techniques. Synonyms: C2orf5, MURR1, COMM
domain-containing protein 1, COMMD-1, COMMD 1, COMM, MURR 1, MURR-1. NCBI no.:
NP_689729

Molecular Weight:

23.3 kDa (210aa), confirmed by MALDI-TOF

Pathways:

Transition Metal Ion Homeostasis

Application Details

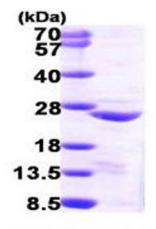
Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl
Storage:	4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.