

# Recombinant Full Length Human COMMD1 Protein, GST-tagged

**Cat. No.** COMMD1-2213HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human COMMD1 full-length ORF ( AAH22046.1, 1 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	190 amino acids
<b>Description</b>	COMMD1 is a regulator of copper homeostasis, sodium uptake, and NF-kappa-B (see MIM 164011) signaling (de Bie et al., 2005 [PubMed 16267171]).[supplied by OMIM, Sep 2009]
<b>Molecular Mass</b>	46.64 kDa
<b>AA Sequence</b>	MAAGELEGGKPLSGLLNALAQDTFHGYPGITEELLRSQLYPEVPPEEFRPFLAKMRG ILKSIASADMDFNQLEAFLTAQTKKQGGITSDQAAVISKFWKSHKTKIRESLMNQSRW NSGLRGLSWRVDGKSQSRHSAQIHTPVAIIIELELGKYGQESEFLCLEFDEVKVNQILK TLSEVEESISTLISQPN
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	COMMD1 copper metabolism (Murr1) domain containing 1 [ Homo sapiens ]
<b>Official Symbol</b>	COMMD1
<b>Synonyms</b>	COMMD1; copper metabolism (Murr1) domain containing 1; C2orf5, chromosome 2 open reading frame 5 (MURR1); COMM domain-containing protein 1; copper metabolism gene MURR1; MGC27155; MURR1; protein Murr1; C2orf5
<b>Gene ID</b>	150684
<b>mRNA Refseq</b>	NM_152516
<b>Protein Refseq</b>	NP_689729
<b>MIM</b>	607238
<b>UniProt ID</b>	Q8N668

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