

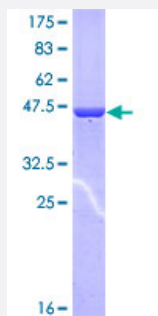
Full-Length

COMMD1 (Human) Recombinant Protein (P01)

Catalog # H00150684-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human COMMD1 full-length ORF (AAH22046.1, 1 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAGELEGGKPLSGLLNALAQDTFHGYPGITEELLRSQLYPEVPPEEFRPFLAKMRGILKSIASAD MDFNQLEAFLTAQTKKQGGITSDQAAVISKFVKSHKTKIRESLMNQSRWNSGLRGLSWRVDGKS QSRHSAQIHTPVAIIIELELGKYGQSEFLCLEFDEVKVNQILKTLSEVEESISTLISQPN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.64
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — COMMD1

Entrez GeneID	150684
GeneBank Accession#	BC022046
Protein Accession#	AAH22046.1
Gene Name	COMMD1
Gene Alias	C2orf5, MGC27155, MURR1
Gene Description	copper metabolism (Murr1) domain containing 1
Omim ID	607238
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	MURR1 copper metabolism gene MURR1

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hepatolenticular Degeneration](#)

- [Tobacco Use Disorder](#)