Recombinant Human COMMD7, His-tagged

Cat. No. COMMD7-27959TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 3-199 of Human COMMD7 with a N terminal His tag; 27kda.
Species	Human
Source	E.coli
ProteinLength	3-199 a.a.
Description	COMMD is a new family of proteins with homology to MURR1, a multifunctional protein that inhibits NFkB. These proteins form multimeric complexes and were identified in a biochemical screen for MURR1-associated factors. The family is defined by the presence of a conserved and unique motif termed the COMM (copper metabolism gene MURR1) domain, which functions as an interface for protein-protein interactions. The prototype of this family, MURR1/COMMD1, suppresses NFkB by affecting the association of NF-kappaB with chromatin. COMMD7 (COMM domain-containing protein 7) interacts with COMMD1 via its COMM domain. It also associates with the NF-kappa-B complex and suppresses its transcriptional activity.
Conjugation	HIS
Form	Lyophilised:Reconstitution with 122 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	RLHCTEDPVPEAVGGDMQQLNQLGAQFSALTEVLFHFLTE PKEVERFLAQLSEFAT TNQISLGSLRSIVKSLLLVPNG ALKKSLTAKQVQADFITLGLSEEKATYFSEKWKQNA PT LARWAIGQTLMINQLIDMEWKFGVTSGSSELEKVGSIFLQ LKLVVKKGNQTENV YIELTLPQFYSFLHEMERVRTSME CFC

GENE INFORMATION

Gene Name	COMMD7 COMM domain containing 7 [Homo sapiens]
Official Symbol	COMMD7
Synonyms	COMMD7; COMM domain containing 7; C20orf92, chromosome 20 open reading frame 92; COMM domain-containing protein 7; dJ1085F17.3;
Gene ID	149951
mRNA Refseq	NM_001099339
Protein Refseq	NP_001092809
Uniprot ID	Q86VX2
Chromosome Location	20q11
Function	NF-kappaB binding; protein binding;

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