

Recombinant Human CCDC104, GST-tagged

Cat. No. CCDC104-10781H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCDC104 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-342a.a.
Description	The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein has a domain structure similar to that of CARD14 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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GENE INFORMATION

Gene Name	CCDC104 coiled-coil domain containing 104 [Homo sapiens]
Official Symbol	CCDC104
Synonyms	CCDC104; coiled-coil domain containing 104; coiled-coil domain-containing protein 104; MGC15407;
Gene ID	112942
mRNA Refseq	NM_080667
Protein Refseq	NP_542398
UniProt ID	Q96G28
Chromosome Location	2p16.1

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