Recombinant Human CCDC94, GST-tagged

Cat. No. CCDC94-10826H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCDC94 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-323a.a.
Description	This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family . The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The protein may play an important role in the epigenetic control of chromatin structure and gene expression. Several related pseudogenes are located on chromosomes 1, 3, and X. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

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GENE INFORMATION

Gene Name	CCDC94 coiled-coil domain containing 94 [Homo sapiens]
Official Symbol	CCDC94
Synonyms	CCDC94; coiled-coil domain containing 94; coiled-coil domain-containing protein 94; FLJ10374;
Gene ID	55702
mRNA Refseq	NM_018074
Protein Refseq	NP_060544
UniProt ID	Q9BW85
Chromosome Location	19p13.3

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