

## Recombinant Human CCDC93, GST-tagged

**Cat. No.** CCDC93-10825H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Human CCDC93 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species**                      Human

**Source**                        E.coli

**ProteinLength**              C-term-350a.a.

**Description**                The protein encoded by this gene acts as a homotetramer to catalyze the conversion of homocysteine to cystathionine, the first step in the transsulfuration pathway. The encoded protein is allosterically activated by adenosyl-methionine and uses pyridoxal phosphate as a cofactor. Defects in this gene can cause cystathionine beta-synthase deficiency (CBS), which can lead to homocystinuria. Multiple alternatively spliced transcript variants have been found for this gene.

**Storage**                        The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer**                1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name**                    [CCDC93 coiled-coil domain containing 93 \[ Homo sapiens \]](#)

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<b>Official Symbol</b>	CCDC93
<b>Synonyms</b>	CCDC93; coiled-coil domain containing 93; coiled-coil domain-containing protein 93; FLJ10996; FLJ25197; MGC13033;
<b>Gene ID</b>	54520
<b>mRNA Refseq</b>	NM_019044
<b>Protein Refseq</b>	NP_061917
<b>UniProt ID</b>	Q567U6
<b>Chromosome Location</b>	2q14.1

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