

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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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Official Symbol	CCDC93
Synonyms	CCDC93; coiled-coil domain containing 93; coiled-coil domain-containing protein 93; FLJ10996; FLJ25197; MGC13033;
Gene ID	54520
mRNA Refseq	NM_019044
Protein Refseq	NP_061917
UniProt ID	Q567U6
Chromosome Location	2q14.1

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