

Recombinant Human CCDC12, GST-tagged

Cat. No. CCDC12-10786H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCDC12 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-166a.a.
Description	This gene encodes a class 1 aminoacyl-tRNA synthetase, cysteinyl-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. This gene is one of several located near the imprinted gene domain on chromosome 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian and breast cancers. Alternative splicing of this gene results in multiple transcript variants.
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

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Gene Name	CCDC12 coiled-coil domain containing 12 [Homo sapiens]
Official Symbol	CCDC12
Synonyms	CCDC12; coiled-coil domain containing 12; coiled-coil domain-containing protein 12; MGC23918; FLJ39430; FLJ40801;
Gene ID	151903
mRNA Refseq	NM_144716
Protein Refseq	NP_653317
UniProt ID	Q8WUD4
Chromosome Location	3p21.31
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem;

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