Recombinant Human CCDC134, GST-tagged

Cat. No. CCDC134-10789H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCDC134 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-229a.a.
Description	This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. Studies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms.
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

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	GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CCDC134 coiled-coil domain containing 134 [Homo sapiens]
Official Symbol	CCDC134
Synonyms	CC134_HUMAN; ccdc134; coiled-coil domain containing 134; Coiled-coil domain-containing protein 134; dJ821D11.3; FLJ22349; MGC21013; CCDC134
Gene ID	79879
mRNA Refseq	NM_024821.2
Protein Refseq	NP_079097.1
UniProt ID	Q9H6E4
Chromosome Location	22q13.2

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