Recombinant Human CCDC158, GST-tagged

Cat. No. CCDC158-10793H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCDC158 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-201a.a.
Description	This gene encodes 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 two subunits, large and small, that dimerize to form the active enzyme. Overexpression of the active form of this enzyme induces apoptosis in fibroblasts. Max, a central component of the Myc/Max/Mad transcription regulation network important for cell growth, differentiation, and apoptosis, is cleaved by this protein; this process requires Fas-mediated dephosphorylation of Max. The expression of this gene is regulated by interferon-gamma and lipopolysaccharide. Alternatively spliced transcript variants have been identified for this gene.
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	CCDC158 coiled-coil domain containing 158 [Homo sapiens]
Official Symbol	CCDC158
Synonyms	CCDC158; coiled-coil domain containing 158; coiled-coil domain-containing protein 158; FLJ25770; MGC35086;
Gene ID	339965
mRNA Refseq	NM_001042784
Protein Refseq	NP_001036249
UniProt ID	Q5M9N0
Chromosome Location	4q21.1

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