

Recombinant Human CCDC22, GST-tagged

Cat. No. CCDC22-10795H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CCDC22 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 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 two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in two transcript variants that encode different isoforms.

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

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	CCDC22 coiled-coil domain containing 22 [Homo sapiens]
Official Symbol	CCDC22
Synonyms	CCDC22; coiled-coil domain containing 22; chromosome X open reading frame 37 , CXorf37; coiled-coil domain-containing protein 22; JM1; CXorf37;
Gene ID	28952
mRNA Refseq	NM_014008
Protein Refseq	NP_054727
MIM	300859
UniProt ID	O60826
Chromosome Location	Xp11.23
Function	molecular_function;

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