

Recombinant Human CCDC22 Protein, GST-Tagged

Cat. No. CCDC22-0537H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCDC22 full-length ORF (ABW03374.1, 1 a.a. - 627 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein containing a coiled-coil domain. The encoded protein functions in the regulation of NF-κB (nuclear factor kappa-light-chain-enhancer of activated B cells) by interacting with COMMD (copper metabolism Murr1 domain-containing) proteins. The mouse orthologous protein has been shown to bind copines, which are calcium-dependent, membrane-binding proteins that may function in calcium signaling. This human gene has been identified as a novel candidate gene for syndromic X-linked intellectual disability. [provided by RefSeq, Aug 2013]
Molecular Mass	95.37 kDa
AA Sequence	MEEADRILIHSLRQAGTAVPPDVQTLRAFTTELVEAVVRCLRVINPAVGSGLSPLLP LAMSARFRLAMSLTQACMDLGYPLELGYQNFLYPSEPDLRDLLLFLAERLPTDASED ADQPAGDSAILLRAIGSQIRDQLALPWVPPHLRTPKLQHLQGSALQKPFHASRLVVP ELSSRGEPREFQASPLLLPVPTQVPQPVGRVASLLEHHAQLQCQQTGRDRPGDED WVHRTSRLPPQEDTRAQRQRLQKQLTEHLRQSWGLLGAPIQARDLGELLQAWGAG AKTGAPKGSRFTHSEKFTFHLEPQAQATQVSDVPATSRRPEQVTWAAQEQELES REQLEGVNRSIEEVEADMKTLGVSVFQAESSECRHSLSTAEREQALRLKSRAVELLP

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DGTANLAKLQLVVENSAQRVIHLAGQWEKHRVPLLAEYRHLRKLQDCRELESSRRL
AEIQELHQSVRAAAEEARRKEEVYKQLMSELETLPDVSRLAYTQRILEIVGNIRKQK
EETKILSDTKELQKEINSLSGKLDRTFAVTDELVFKDAKKDDAVRKAYKYLAALHENC
SQLIQTIEDTGTIMREVRDLEEQIETELGKKTLSNLEKIREDYRALRQENAGLLGRVRE
A

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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UniProt ID

O60826

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