

Recombinant Full Length Human CCDC22 Protein, GST-tagged

Cat. No. CCDC22-2848HF **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	In Vitro Cell Free System
ProteinLength	627 amino acids
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	MEEADRILIHSLRQAGTAVPPDVQTLRAFTTELVVEAVVRCLRVINPAVGSGLSPLLP LAMSARFRLAMSLTQACMDLGYPLELGYQNFLYPSEPDRLDLLFLAERLPTDASED ADQPAGDSAILLRAIGSQIRDQLALPWVPPHLRTPKLQHLQGSALQKPFHASRLVVP ELSSRGEPREFQASPLLLPVPTQVPQPVGRVASLLEHHALQLCQQTGRDRPGDED WVHRTSRLPPQEDTRAQRQRLQKQLTEHLRQSWGLLGAPIQARDLGELLQAWGAG AKTGAPKGSRFTHSEKFTFHLEPQAQATQVSDVPATSRRPEQVTWAAQEQUELESL

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REQLEGVNRSIEEVEADMKTLGVSVQAESECRHSLSTAEREQALRLKSRAVELLP
DGTANLAKLQLVVENSAQRVIHLAQWEKHRVPLLAEYRHLRKLQDCRELESSRRL
AEIQELHQSVRAAAEEARRKEEVYKQLMSELETLPDVSRLAYTQRILEIVGNIRKQK
EETKILSDTKELQKEINSLSGKLDRTFAVTDDELVFKDAKKDDAVRKAYKYLAALHENC
SQLIQTIEDTGTIMREVRDLEEQIETELGKKTLNLEKIREDYRALRQENAGLLGRVRE
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

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MIM	300859
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UniProt ID	O60826
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