

## Recombinant Human CCDC22 Protein, GST-Tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human CCDC22 full-length ORF (ABW03374.1, 1 a.a. - 627 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	95.37 kDa
<b>AA Sequence</b>	MEEADRILIHSLRQAGTAVPPDVQTLRAFTTELVVEAVVRCLRVINPAVGSGLSPLLP LAMSARFRLAMSLTQACMDLGYPLELGYQNFLYPSEPDLRDLLLFLAERLPTDASED ADQPAGDSAILLRAIGSQIRDQLALPWVPPHLRTPKLQHLQGSALQKPFHASRLVVP ELSSRGEPREFQASPLLLPVPTQVPQPVGRVASLLEHHALQLCQQTGRDRPGDED WVHRTSRLPPQEDTRAQRQLKQLTEHLRQSWGLLGAPIQARDLGELLQAWGAG AKTGAPKGSRFTHSEKFTFHLEPQAQATQVSDVPATSRRPEQVTWAAQEQUELES REQLEGVNRSIEEVEADMKTLGVSFVQAESECRHSLSTAEREQALRLKSRVELLP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DGTANLAKLQLVVENSAQRVIHLAGQWEKHRVPLLAEYRHLRKLQDCRELESSRRL  
 AEIQELHQSVRAAAEEARRKEEVYKQLMSELETLP RDVSRLAYTQRILEIVGNIRKQK  
 EEITKILSDTKELQKEINSLSGKLDRTFAVTDELVFKDAKKDDAVRKAYKYLAALHENC  
 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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

O60826

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA