

## Product datasheet for **TP762464**

### CCDC22 (NM\_014008) Human Recombinant Protein

#### Product data:

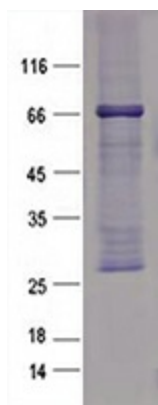
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human coiled-coil domain containing 22 (CCDC22), full length, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of CCDC22
Tag:	N-His
Predicted MW:	70.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_054727</a>
Locus ID:	28952
UniProt ID:	<a href="#">O60826</a> , <a href="#">A0A024QZ03</a>
RefSeq Size:	2333
Cytogenetics:	Xp11.23
RefSeq ORF:	1881
Synonyms:	CXorf37; JM1; RTSC2



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**Summary:**

This gene encodes a protein containing a coiled-coil domain. The encoded protein functions in the regulation of NF- $\kappa$ B (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]

**Product images:**

Purified recombinant protein CCDC22 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.