

Recombinant Human CCDC174 Protein, GST-tagged

Cat. No. CCDC174-5163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C3orf19 full-length ORF (AAH33897.2, 1 a.a. - 467 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is found in the nucleus, where it interacts with eukaryotic translation initiation factor 4A, isoform 3. The encoded protein appears to be a part of the exon junction complex, which is involved in RNA processing, translation, and nonsense-mediated mRNA decay. A mutation in this gene has been associated with infantile hypotonia with psychomotor retardation. [provided by RefSeq, Mar 2016]
Molecular Mass	80.4 kDa
AA Sequence	MDRRKKPLDVTASSLVDLKAELFRKQEEFKQEKLKDSGVFGKPKTTNKKPSIWSK QNVGVSNRAEKDAEQKIEEQKTLDKAREKLEEKAKLYEKMTKGDFIDEEVEDMYLV DFTQKIIDKRKEMEASGAHRDSQKAGERDDDEENLPEGEIPPPQDHSEEWVDYVDS LGRSRRRCMRKDLPDLLMDKNLQGRLFISPANEKTLSEDMRKELQRQQWEEER EALKRPMGPVHYEDIRENEARQLGVGYFAFARDKELRNKQMKTLEMLREQTTDQR TKRENIKEKRKAILEARLAKLRQKKMKKSKEGGTEENRDGDVIGPLPPEPEAVPTP RPAAQSSKVEVIVQERKDTKPGVPHIREWDRGKEFSFGYWSKRQSDLRAERDPEF APPSDYFVGQKRTGFSSSQAWSRPGPAQSDPGQCPDQSHGPSPEHTSPTPAPDN

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PPQAPTVTFKTLDDMISYYKQVT

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

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

CCDC174 coiled-coil domain containing 174 [Homo sapiens (human)]

Official Symbol

CCDC174

Synonyms

CCDC174; coiled-coil domain containing 174; IHPM; IHPMR; C3orf19; HSPC212; coiled-coil domain-containing protein 174; Coiled-Coil Domain Containing 174; C3orf19; Coiled-Coil Domain-Containing Protein 174; Chromosome 3 Open Reading Frame 19; HSPC212

Gene ID

51244

mRNA Refseq

NM_016474

Protein Refseq

NP_057558

MIM

616735

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UniProt ID

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