

# Recombinant Human CORO1C Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CORO1C-2044H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | CORO1C MS Standard C13 and N15-labeled recombinant protein (NP_055140) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartic (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Three transcript variants encoding two different isoforms have been found for this gene. |
| <b>Molecular Mass</b>   | 53.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MRRVVRQSKFRHVFVGQAVKNDQCYYDIRVSRVTWDSSFCVNPFRVAVIIIEASGGG<br>AFLVLPLHKTGRIDKSYPTVCGHTGPVLDIDWCPHNDQVIASGSEDCTVMVWQIPEN<br>GLTSLTEPVVILEGHSKRVGIVAWHPTARNVLLSAGCDNAIIWNVGTGEALINLDDM<br>HSDMIYNVSWNRNGSLICTASKDKKVRVIDPRKQEIVAEKEKAHEGARPMRAIFLAD<br>GNVFTTGFSRMSERQLALWNPKNMQEPIALHEMDTSNGVLLPFYDPDTSIIYLCGKG<br>DSSIRYFEITDESPYVHYLNTFSSKEPQRGMGYMPKRGLDVNKCEIARFFKLHERKC                                                                                                                                                          |

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EPIIMTVPRKSDLFQDDLYPDTAGPEAALEAEWFEGKNADPILISLKHGYIPGKNRD  
LKVVKKNILDSKPTANKKCDLISIPKTTDTASVQNEAKLDEILKEIKSIKDTICNQDERI  
SKLEQQMAKIAATRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** CORO1C coronin 1C [ Homo sapiens (human) ]

**Official Symbol** CORO1C

**Synonyms** CORO1C; coronin, actin binding protein, 1C; coronin-1C; coronin 3; HCRNN4; coronin-3; coronin 1C; coronin, actin-binding protein, 1C;

**Gene ID** 23603

**mRNA Refseq** NM\_014325

**Protein Refseq** NP\_055140

**MIM** 605269

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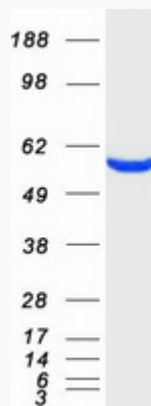
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UniProt ID

Q9ULV4

SDS-PAGE

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