

# Recombinant Human ZNF174 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ZNF174-5504H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ZNF174 MS Standard C13 and N15-labeled recombinant protein (NP_001027463) 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 protein with three Cys2-His2-type zinc fingers in the carboxy-terminus, a putative nuclear localization signal, and an amino-terminus SCAN box which forms homodimers. This protein is believed to function as a transcriptional repressor. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
| <b>Molecular Mass</b>   | 26.9 kDa                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MAAKMEITLSSNTEASSKQERHIIAKLEEKRGPPPLQKNCPDPELCRQSFRRFCYQEV<br>SGPQEALSQRLQCRQWLQPELHTKEQILELLVMEQFLTILPPEIQARVRHRCPMSS<br>KEIVTLVEDFHRASKKPKQWVAVCMQGQKVLLEKTGSQLGEQELPDFQPQTPRRDL<br>RESSPAEPSQAGAYDRLSPHHWEKSPLLQEPTPKLAGTELLIEKTDPNMATDELPCK<br>LWLSFIATRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                                           |

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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** ZNF174 zinc finger protein 174 [ Homo sapiens (human) ]

**Official Symbol** ZNF174

**Synonyms** ZNF174; zinc finger protein 174; ZSCAN8; AW-1; zinc finger and SCAN domain-containing protein 8;

**Gene ID** 7727

**mRNA Refseq** NM\_001032292

**Protein Refseq** NP\_001027463

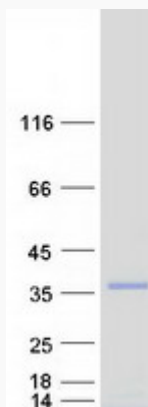
**MIM** 603900

**UniProt ID** Q15697

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**SDS-PAGE**

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