

# Recombinant Human ZNF148 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ZNF148-1462H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ZNF148 MS Standard C13 and N15-labeled recombinant protein (NP_068799) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | The protein encoded by this gene is a member of the Kruppel family of zinc finger DNA binding proteins. The encoded protein activates transcription of the T-cell receptor and intestinal alkaline phosphatase genes but represses transcription of the ornithine decarboxylase, vimentin, gastrin, stomelysin, and enolase genes. Increased expression of this gene results in decreased patient survival rates from colorectal cancer, while mutations in this gene have been associated with global developmental delay, hypoplastic corpus callosum, and dysmorphic facies. |
| <b>Molecular Mass</b>   | 88.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | <p>MNIDDKLEGLFLKCGGIDEMQSSRTMVVMGGVSGQSTVSGELQDSVLQDRSMPHQ</p> <p>EILAADEVVLQESEMRRQDMISHDELMVHEETVKNDDEEQMETHERLPQGLQYALNVP</p> <p>ISVKQEITFTDVSEQLMRDQKQIREPVDLQKKKKRQKRSAPAKILTINEDGSLGLKTPKS</p> <p>HVCEHCNAAFRTNYHLQRHVFIHTGEKPFQCSQCDMRFIQKYLLQRHEKIHTGEKPF</p> <p>RCDECGMRFIQKYHMERHKRTHSGEKPYQCEYCLQYFSRTDRVLKHKRMCHENH</p> <p>DKKLNRCIAKGGLLTSEEDSGFSTSPKDNSLPKKKRQKTEKKSSGMDKESALDKSD</p>                                                                                                                                                                             |

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

LKKDKNDYLPLYSSSTKVKDEYMVAEYAVEMPHSSVGGSHLEDASGEIHPPKLVLKK  
 INSKRSLKQPLEQNQTISPLSTYEESKVS KYAFELVDKQALLDSEGNADIDQVDNLQE  
 GPSKPVHSSSTNYDDAMQFLKKKRYLQAASNN SREYALNVGTIASQPSVTQAAVASVI  
 DESTTASILESQALNVEIKSNHDKNVIPDEV LQTLLDHYS HKANGQHEISFSVADTEV  
 TSSISINSSEVPEVTPSENVGSSSQASSSDKANMLQEYSKFLQQALDRTSQNDAYLN  
 SPSLNFVTDNQTLPNQPAFSSIDKQVYATMPINSFRSGMNSPLRTTPDKSHFGLIVG  
 DSQHSFPFSGDET NHASATSTQDFLDQVTSQKKAE AQPVHQAYQMSSFEQPFRAP  
 YHGSRAGIATQFSTANGQVNLRGPGTSAEFSEFPLVNVNDNRAGMTSSPDATTGQ  
 TFGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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** ZNF148 zinc finger protein 148 [ Homo sapiens (human) ]

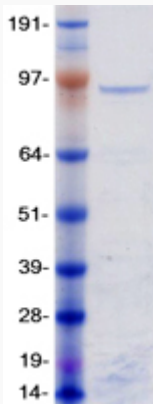
**Official Symbol** ZNF148

**Synonyms** ZNF148; zinc finger protein 148; zinc finger protein 148 (pHZ 52); BERF 1; BFCOL1; HT BETA; pHZ 52; ZBP 89; ZFP148; CACCC box-binding protein; transcription factor ZBP-89; CLL-associated antigen KW-10; zinc finger DNA-binding protein 89; BERF-1; ZBP-89; pHZ-52; HT-BETA; DKFZp686L18248;

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|-----------------------|-------------------------------------------------------------------------------------|
| <b>Gene ID</b>        | 7707                                                                                |
| <b>mRNA Refseq</b>    | NM_021964                                                                           |
| <b>Protein Refseq</b> | NP_068799                                                                           |
| <b>MIM</b>            | 601897                                                                              |
| <b>UniProt ID</b>     | Q9UQR1                                                                              |
| <b>SDS-PAGE</b>       |  |