

## Recombinant Human MIF4GD Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MIF4GD-608H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MIF4GD MS Standard C13 and N15-labeled recombinant protein (NP_065730) 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 which interacts with the N-terminus of the stem-loop binding protein (SLBP) and the 3' end of histone mRNA. This interaction facilitates the activation of histone mRNA translation. Alternative splicing results in multiple transcript variants encoding different isoforms.         |
| <b>Molecular Mass</b>   | 29.4 kDa                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MGEPSREEYKIQSFDAETQQLLKTALKVACFETEDGEYSVCQRSYSNCSRLMPSRC<br>NTQYRDPGAVDLEKVANVIVDHS LQDCVFSKEAGRM CYAIIQAESKQAGQSVFRRG<br>LLNRLQQEYQAREQLRARS LQGWVCYVTFICNIFDYLRVNNMPMMALVNPVYDCLF<br>RLAQPDLSKEEEVDCLVLQLHRVGEQLEKMNGQRMDELFLIRDGFLPTGLSSLA<br>QLLLLEIIEFRAAGWKTPAAHKYYYSEVSDTRTRPLEQKLISEEDLAANDILDYKDDD<br>DKV |
| <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                                                                                                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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** MIF4GD MIF4G domain containing [ Homo sapiens (human) ]

**Official Symbol** MIF4GD

**Synonyms** MIF4GD; MIF4G domain containing; MIFD; AD023; SLIP1; MIF4G domain-containing protein; SLBP (stem loop binding protein)-interacting protein 1; SLBP-interacting protein 1

**Gene ID** 57409

**mRNA Refseq** NM\_020679

**Protein Refseq** NP\_065730

**MIM** 612072

**UniProt ID** A9UHW6

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**SDS-PAGE**

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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