

# Recombinant Human USF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** USF2-3285H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | USF2 MS Standard C13 and N15-labeled recombinant protein (NP_997174) 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 basic helix-loop-helix leucine zipper family of transcription factors. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs and is involved in regulating multiple cellular processes.                                                        |
| <b>Molecular Mass</b>   | 30.4 kDa                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MDMLDPGLDPAASATAAAAAASHDKGPEAEEGVQLQEGGDGPGAEETAVAITSVQ<br>QAAFGDHNIQYQFRTEETNGGQAVIQNPFSNGGSPAAEAVSGEARFAYFPASSVGDT<br>TAVSVQTTDQSLQAGGQFYVMMTPQDVLQTGTQRTIAPRTHPYSPKIDGTRTPRDE<br>RRRAQHNEVERRRRDKINNWIWQLSKIIPDCNADNSKTGASKGGILSKACDYIRELR<br>QTNQRMQETFKEAERLQMDNELLRQQIEELKNENALLRAQLQQHNLEMVGEGTRQ<br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <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** USF2 upstream transcription factor 2, c-fos interacting [ Homo sapiens (human) ]

**Official Symbol** USF2

**Synonyms** USF2; upstream transcription factor 2, c-fos interacting; upstream stimulatory factor 2; bHLHb12; FIP; FOS-interacting protein; c-fos interacting protein; major late transcription factor 2; class B basic helix-loop-helix protein 12;

**Gene ID** 7392

**mRNA Refseq** NM\_207291

**Protein Refseq** NP\_997174

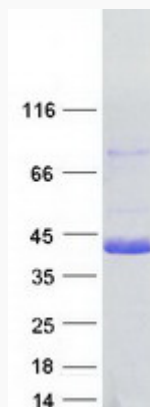
**MIM** 600390

**UniProt ID** Q15853

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**SDS-PAGE**

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