

## Recombinant Human USF2 protein, GST-tagged

**Cat. No.** USF2-3689H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human USF2 protein(1-346 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-346 aa                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.                                                                                                           |
| <b>AA Sequence</b>      | MDMLDPGLDPAASATAAAAAASHDKGPEAEEGVELQEGGDGPGAEEQTAVAITSVQ<br>QAAFGDHNIQYQFRTEETNGGQVTYRVVQVTDGQLDGGQGD TAGAVSVVSTAAFAGG<br>QQAVTQVGVDGAAQRPGPAAASVPPGPAAPFPLAVIQNPFSNGGSPAAEAVSGEA<br>RFAYFPASSVGDTTAVSVQTTDQSLQAGGQFYVMMTPQDVLQTGTQRTIAPRTHPY<br>SPKIDGTRTPRDERRRAQHNEVERRRRDKINNWIVQLSKIIPDCNADNSKTGASKGG<br>ILSKACDYIRELRQTNQRMQETFKEAERLQMDNELLRQQIEELKNENALLRAQLQQH<br>NLEMVGEGTRQ |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer                                                                                                                                                                                                                                               |

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** USF2 upstream transcription factor 2, c-fos interacting [ Homo sapiens ]

**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\_003367

**Protein Refseq** NP\_003358

**MIM** 600390

**UniProt ID** Q15853

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