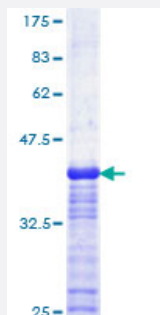


USF2 (Human) Recombinant Protein (Q01)

Catalog # H00007392-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human USF2 partial ORF (NP_003358, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDMLDPGLDPAASATAAAAAASHDKGPEAEEGVELQEGGDGPGAEEQTAVAITSVQQAAGFDH NIQYQFRTE TNGGQV TYRVVQVTDGQLDGQGDTAGAVS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — USF2

Entrez GeneID [7392](#)

GeneBank Accession# [NM_003367](#)

Protein Accession# [NP_003358](#)

Gene Name USF2

Gene Alias FIP, bHLHb12

Gene Description upstream transcription factor 2, c-fos interacting

Omim ID [600390](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidin e-rich initiator (Inr) elements and E-box motifs. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations c-fos interacting protein|upstream stimulatory factor 2

Disease

- [Alzheimer disease](#)
- [Biliary Atresia](#)
- [Cardiovascular Diseases](#)
- [Choledochal Cyst](#)

- [Diabetes Complications](#)
- [Disease Progression](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)