

Full-Length

U2AF2 (Human) Recombinant Protein (P01)

Catalog # H00011338-P01

Size 50 ug

Specification

Product Description	Human U2AF2 full-length ORF (NP_001012496.1, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSDFDEFERQLNENKQERDKENRHRKRSHSRSRSDRKRRSRSDRRNRDQRSASRDRRRRS KPLTRGAKEEHGGLIRSPRHEKKKKVRKYWDVPPPGFEHITPMQYKAMQAAGQIPATALLPTMTP DGLAVTPTPVPVVGSMTRQARRLYVGNIPFGITEEAMMDFFNAQMRLGGLTQAPGNPVLAVQIN QDKNFAFLFRSVDETTQAMAFDGIIFQQGSLKIRRP HDYQPLPGMSENLSVYVPGVVSTVVPDS AHKLFIGGLPNYLNDQVKELLTSFGPLKAFNLVKDSATGLSKGYAFCEYVDINVTDAQIAGLNGM QLGDKKLLVQRASVGAKNATLSTINQTPVTLQVPGLMSSQVQMGGHPTEVLC LMNMVLPEELLD DEEYEEIVEDVRDECSKYGLVKSIEIPRPVDGVEVP GCGKIFVEFTSVFDCQKAMQGLTGRKFAN RVVVTKYCDPDSYHRRDFW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	79.5
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — U2AF2

Entrez GeneID [11338](#)

GeneBank Accession# [NM_001012478.1](#)

Protein Accession# [NP_001012496.1](#)

Gene Name U2AF2

Gene Alias U2AF65

Gene Description U2 small nuclear RNA auxiliary factor 2

Omim ID [191318](#)

Gene Ontology [Hyperlink](#)

Gene Summary U2 auxiliary factor (U2AF), comprised of a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. This gene encodes the U2AF large subunit which contains a sequence-specific RNA-binding region with 3 RNA recognition motifs and an Arg/Ser-rich domain necessary for splicing. The large subunit binds to the polypyrimidine tract of introns early during spliceosome assembly. Multiple transcript variants have been detected for this gene, but the full-length nature of only two have been determined to date. [provided by RefSeq]

Other Designations U2 (RNU2) small nuclear RNA auxiliary factor 2|U2 small nuclear ribonucleoprotein auxiliary factor (65kD)|U2 snRNP auxiliary factor large subunit|splicing factor U2AF 65 kD subunit