

Recombinant Human U2AF2 Protein (141 a.a.-240 a.a.), N-GST-tagged

Cat. No. U2AF2-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human U2AF2 partial ORF (NP_001012496.1, 141 a.a.-240 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
ProteinLength	141-240
Description	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.
Molecular Mass	36.74 kDa
AA Sequence	GSQMTRQARRLYVGNIPFGITEEAMMDFFNAQMRLGGLTQAPGNPVLAVQINQDKN FAFLEFRSVDETTQAMAFDGIIFQGQSLKIRRPHDYQPLPGMSE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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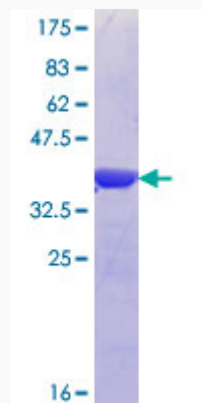
	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	U2AF2 U2 small nuclear RNA auxiliary factor 2 [Homo sapiens (human)]
Official Symbol	U2AF2
Synonyms	U2AF2; U2 small nuclear RNA auxiliary factor 2; U2AF65; splicing factor U2AF 65 kDa subunit; U2 (RNU2) small nuclear RNA auxiliary factor 2; U2 auxiliary factor 65 kDa subunit; U2 small nuclear ribonucleoprotein auxiliary factor (65kD); U2 snRNP auxiliary factor large subunit; hU2AF65
Gene ID	11338
mRNA Refseq	NM_001012478
Protein Refseq	NP_001012496
MIM	191318
UniProt ID	P26368

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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