

Human U2AF2 Knockdown Cell Lysate

Cat. No. U2AF2-460HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated U2AF2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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 natures of only two have been determined to date.
Form	Cell-Tissue Lysis buffer
Molecular Mass	54 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg U2AF2 KD HeLa cell lysate
Protein Pathways	Spliceosome
Lysate QC	RT-qPCR; Western Blotting (WB)

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; U2 (RNU2) small nuclear RNA auxiliary factor 2; splicing factor U2AF 65 kDa subunit; splicing factor U2AF 65 kD subunit; U2 small nuclear ribonucleoprotein auxiliary factor (65kD); U2 snRNP auxiliary factor large subunit; U2AF65; hU2AF65; hU2AF(65); U2 auxiliary factor 65 kDa subunit;
Gene ID	11338
mRNA Refseq	NM_001012478
Protein Refseq	NP_001012496
MIM	191318
UniProt ID	P26368

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