

Recombinant Human U2AF1 293 Cell Lysate

Cat. No. U2AF1-609HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for U2 small nuclear RNA auxiliary factor 1 (U2AF1), transcript variant a is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

U2AF1 U2 small nuclear RNA auxiliary factor 1 [Homo sapiens]

Official Symbol

U2AF1

Synonyms

U2AF1; U2 small nuclear RNA auxiliary factor 1; U2(RNU2) small nuclear RNA auxiliary factor 1 , U2(RNU2) small nuclear RNA auxiliary factor binding protein , U2AFBP; splicing factor U2AF 35 kDa subunit; RN; RNU2AF1; U2AF35; splicing factor U2AF 35kDa subunit; U2 small nuclear RNA auxillary factor 1; U2 snRNP auxiliary factor small subunit; U2(RNU2) small nuclear RNA auxiliary factor binding protein; U2 small nuclear ribonucleoprotein auxillary factor, 35-KD subunit; FP793; U2AFBP; DKFZp313J1712;

Gene ID

7307

mRNA Refseq

NM_001025203

Protein Refseq

NP_001020374

MIM

191317

UniProt ID

Q01081

**Chromosome
Location**

21q22.3

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Pathway

Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; RNA Polymerase II Transcription, organism-specific biosystem; RNA Polymerase II Transcription Termination, organism-specific biosystem; Shigellosis, organism-specific biosystem; Spliceosome, organism-specific biosystem;

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