

AR50919PU-N

Human U2AF1 / U2AF35 (1-240, His-tag) - Purified

Alternate names:

Splicing factor U2AF 35 kDa subunit, U2 auxiliary factor 35 kDa subunit, U2 snRNP auxiliary factor small subunit, U2AFBP

Quantity:

0.5 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

U2AF1 belongs to the splicing factor SR family of genes. U2 auxiliary factor, comprising 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 protein is the small subunit which plays a critical role in both constitutive and enhancer-dependent RNA splicing by directly mediating interactions between the large subunit and proteins bound to the enhancers.

Uniprot ID:

[Q01081](#)

NCBI:

[NP_001020374](#)

GeneID:

[102724594](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Description:

Recombinant human U2AF1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMAYLAS IFGTEKDKVN CSFYFKIGAC RHGDRCSRLH
NKPTFSQTIL IQNIYRNPQN SAQTADGSHC AVSDVEMQEH YDEFFEEVFT EMEKYGEVE
EMNVCDNLGD HLVGNVYVKF RREDAEKAV IDLNNRWFNG QPIHAELSPV TDFREACCRQ
YEMGECTRGG FCNFMHLKPI SRELRRRELYG RRRKKHRSRS RSRERRRSRS DRGRGGGGGG
GGGGGGGRERD RRRSRDRERS GRF

Molecular weight: 30.3 kDa (263aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Thol, F., et al. (2012) Blood 119 (15), 3578-3584 Makishima, H., et al. (2012) Blood 119 (14), 3203-3210

Pictures:

