

## 32-5172: Recombinant Human U2 Small Nuclear RNA Auxiliary Factor 1

**Alternative Name :** Splicing factor U2AF 35 kDa subunit,U2 auxiliary factor 35 kDa subunit,U2 small nuclear RNA auxiliary factor 1,U2 snRNP auxiliary factor small subunit,U2AF35,U2AFBP,FP793,RNU2AF1,RN.

### Description

Source : Escherichia Coli. U2AF1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 263 amino acids (1-240 a.a) and having a molecular mass of 30.3kDa.U2AF1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. U2AF1 is a member of the splicing factor SR family. U2 auxiliary factor, comprising a large and a small subunit, is a non-snRNP protein essential for the binding of U2 snRNP to the pre-mRNA branch site.U2AF1 is the small subunit which plays a vital role in both constitutive and enhancer-dependent RNA splicing by directly mediating interactions between the large subunit and proteins bound to the enhancers. U2 small nuclear RNA auxiliary factor 1 (U2AF1) is a protein-coding gene. Among the diseases which are associated with U2AF1:Myoclonus Epilepsy and progressive Myoclonus Epilepsy.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** U2AF1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMAEYLAS IFGTEKDKVN CSFYFKIGAC RHGDRC SRLH NKPTFSQTIL IQNIYRNPQN SAQTADGSHC AVSDVEMQEH YDEFFEEVFT EMEEKYGEVE EMNVCDNLGD HLVGNVYVKF RREEDA EKAV IDLNNRWFNG QPIHAELSPV TDFREACCRQ YEMGECTRGG FCNFMHLKPI SRELRRRELYG RRRKKHRSRS RSRERRSRSR DRGRGGGGGG GGGGGGRERD RRRSRDRERS GRF

