# Recombinant Bovine Splicing factor U2AF 35 kDa subunit (U2AF1)

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| **Product Code** | CSB-EP025405BO |
| **Storage** | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| **Uniprot No.** | A1A4K8 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Bos taurus (Bovine) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | AEYLASIFG TEKDKVNCSF YFKIGACRHG DRCSRLHNKP TFSQTIALLN IYRNPQNSSQ SADGLRCAVS DVEMQEHYDE FFEEVFTEME EKYGEVEEMN VCDNLGDHLV GNVYVKFRRE EDAEKAVIDL NNRWFNGQPI HAELSPVTDF REACCRQYEM GECTRGGFCN FMHLKPISRE LRRELYGRRR KKHRSRSRSR ERRSRSRDRG RGGGGGGGGG RERDRRRSRD RERSGRF |
| **Source** | E.coli |
| **Target Names** | U2AF1 |
| **Protein Names** | Recommended name: Splicing factor U2AF 35 kDa subunit Alternative name(s): U2 auxiliary factor 35 kDa subunit U2 snRNP auxiliary factor small subunit |
| **Expression Region** | 2-237 |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | Tag type will be determined during the manufacturing process. |
| **Protein Length** | Full Length of Mature Protein |
| **Target Details** | This gene 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 gene encodes 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. Alternatively spliced transcript variants encoding different isoforms have been identified. |
| **Reconstitution** | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| **Shelf Life** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |