Recombinant Bovine Splicing factor U2AF 35 kDa subunit (U2AF1)

Product Code	CSB-EP025405BO-B
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. 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.