



# Recombinant Human Splicing factor U2AF 65 kDa subunit (U2AF2)

<b>Product Code</b>	CSB-EP025408HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P26368
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SDFDEFERQ LNENKQERDK ENRHRKRSHS RSRSRDRKRR SRSRDRRNRD QRSASRDRRR RSKPLTRGAK EEHGGLIRSP RHEKKKKVRK YWDVPPPGFE HITPMQYKAM QAAGQIPATA LLPTMTPDGL AVTPTVPVQV GSQMTRQARR LYVGNIPFGI TEEAMMDFFN AQMRLGGLTQ APGNPVLAVQ INQDKNFAFL EFRSVDETTQ AMAFDGIIFQ GQSLKIRRPD DYQPLPGMSE NPSVYVPGVV STVVPDSAHK LFIGGLPNYL NDDQVKELLT SFGPLKAFNL VKDSATGLSK GYAFCEYVDI NVTDAQIAGL NGMQLGDKKL LVQRASVGAQ NATLVSPSPST INQTPVTLQV PGLMSSQVQM GGHPTEVLCL MNMVLPEELL DDEEYEEIVE DVRDECKYK LVKSIEIPRP VDGVEVPGCG KIFVEFTSVF DCQKAMQGLT GRKFANRVVV TKYCDPDSYH RRDFW
<b>Source</b>	E.coli
<b>Target Names</b>	U2AF2
<b>Protein Names</b>	Recommended name: Splicing factor U2AF 65 kDa subunit Alternative name(s): U2 auxiliary factor 65 kDa subunit Short name= hU2AF(65) Short name= hU2AF65 U2 snRNP auxiliary factor large subunit
<b>Expression Region</b>	2-475
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	U2 auxiliary factor (U2AF), comprised of 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 U2AF large subunit which contains a sequence- specific RNA-binding region with 3 RNA recognition motifs and an Arg/Ser-rich domain necessary for splicing. The large subunit binds to the polypyrimidine tract of introns early during spliceosome assembly. Multiple transcript variants have been detected for this gene, but the full-length nature of only two have been determined to date.
<b>Reconstitution</b>	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.

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**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.