# Recombinant Human Heterogeneous nuclear ribonucleoprotein F (HNRNPF)

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| **Product Code** | CSB-EP010608HU |
| **Storage** | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| **Uniprot No.** | P52597 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Homo sapiens (Human) |
| **Purity** | >85% (SDS-PAGE) |
| **Sequence** | MMLGPEGGEG FVVKLRGLPW SCSVEDVQNF LSDCTIHDGA AGVHFIYTRE GRQSGEAFVE LGSEDDVKMA LKKDRESMGH RYIEVFKSHR TEMDWVLKHS GPNSADSAND GFVRLRGLPF GCTKEEIVQF FSGLEIVPNG ITLPVDPEGK ITGEAFVQFA SQELAEKALG KHKERIGHRY IEVFKSSQEE VRSYSDPPLK FMSVQRPGPY DRPGTARRYI GIVKQAGLER MRPGAYSTGY GGYEEYSGLS DGYGFTTDLF GRDLSYCLSG MYDHRYGDSE FTVQSTTGHC VHMRGLPYKA TENDIYNFFS PLNPVRVHIE IGPDGRVTGE ADVEFATHEE AVAAMSKDRA NMQHRYIELF LNSTTGASNG AYSSQVMQGM GVSAAQATYS GLESQSVSGC YGAGYSGQNS MGGYD |
| **Source** | E.coli |
| **Target Names** | HNRNPF |
| **Protein Names** | Recommended name: Heterogeneous nuclear ribonucleoprotein F Short name= hnRNP F Alternative name(s): Nucleolin-like protein mcs94-1 Cleaved into the following chain: 1. Heterogeneous nuclear ribonucleoprotein F, N-terminally processed |
| **Expression Region** | 1-415 |
| **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 protein |
| **Target Details** | This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and regulate alternative splicing, polyadenylation, and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. This protein has three repeats of quasi-RRM domains that bind to RNAs which have guanosine-rich sequences. This protein is very similar to the family member hnRPH. Multiple alternatively spliced variants, encoding the same protein, have been identified. |

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| **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. |