Recombinant Human Heterogeneous nuclear ribonucleoprotein M

Product Code	CSB-YP010613HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P52272
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AAGVEAAAE VAATEIKMEE ESGAPGVPSG NGAPGPKGEG ERPAQNEKRK EKNIKRGGNR FEPYANPTKR YRAFITNIPF DVKWQSLKDL VKEKVGEVTY VELLMDAEGK SRGCAVVEFK MEESMKKAAE VLNKHSLSGR PLKVKEDPDG EHARRAMQKV MATTGGMGMG PGGPGMITIP PSILNNPNIP NEIIHALQAG RLGSTVFVAN LDYKVGWKKL KEVFSMAGVV VRADILEDKD GKSRGIGTVT FEQSIEAVQA ISMFNGQLLF DRPMHVKMDE RALPKGDFFP PERPQQLPHG LGGIGMGLGP GGQPIDANHL NKGIGMGNIG PAGMGMEGIG FGINKMGGME GPFGGGMENM GRFGSGMNMG RINEILSNAL KRGEIIAKQG GGGGGGSVPG IERMGPGIDR LGGAGMERMG AGLGHGMDRV GSEIERMGLV MDRMGSVERM GSGIERMGPL GLDHMASSIE RMGQTMERIG SGVERMGAGM GFGLERMAAP IDRVGQTIER MGSGVERMGP AIERMGLSME RMVPAGMGAG LERMGPVMDR MATGLERMGA NNLERMGLER MGANSLERMG LERMGANSLE RMGPAMGPAL GAGIERMGLA MGGGGGASFD RAIEMERGNF GGSFAGSFGG AGGHAPGVAR KACQIFVRNL PFDFTWKMLK DKFNECGHVL YADIKMENGK SKGCGVVKFE SPEVAERACR MMNGMKLSGR EIDVRIDRNA
Source	Yeast
Target Names	HNRNPM
Protein Names	Recommended name: Heterogeneous nuclear ribonucleoprotein M Short name= hnRNP M
Expression Region	2-730
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 subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing 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. This protein also constitutes a monomer of the N-acetylglucosamine-specific receptor which is postulated to trigger selective recycling of immature GlcNAc-bearing thyroglobulin molecules. Multiple alternatively spliced transcript variants are known for this gene but only two transcripts has been isolated.
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.