Recombinant Mouse Alpha-2-HS-glycoprotein (Ahsg)

Product Code	CSB-MP001485MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P29699
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	AP QGTGLGFREL ACDDPEAEQV ALLAVDYLNN HLLQGFKQVL NQIDKVKVWS RRPFGVVYEM EVDTLETTCH ALDPTPLANC SVRQLTEHAV EGDCDFHILK QDGQFRVMHT QCHSTPDSAE DVRKLCPRCP LLTPFNDTNV VHTVNTALAA FNTQNNGTYF KLVEISRAQN VPLPVSTLVE FVIAATDCTA KEVTDPAKCN LLAEKQHGFC KANLMHNLGG EEVSVACKLF QTQPQPANAN AVGPVPTANA ALPADPPASV VVGPVVVPRG LSDHRTYHDL RHAFSPVASV ESASGETLHS PKVGQPGAAG PVSPMCPGRI RHFKI
Source	Mammalian cell
Target Names	Ahsg
Protein Names	Recommended name: Alpha-2-HS-glycoprotein Alternative name(s): Countertrypin Fetuin-A
Expression Region	19-345
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	Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues. However, its exact significance is still obscure.
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.