



Recombinant Rat Apolipoprotein M (Apom)

Product Code	CSB-EP001947RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P14630
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	NSM NQCPEHSQLM TLGMDDKETP EPHLGLWYFI AGAAPTMEEL ATFDQVDNIV FNMAAGSAPR QLQLRATIRT KNGVCVPRKW TYHLTEGKGN TEL RTEGRPDK MKTDLFSISC PGGIMLKETG QGYQRFLLYN RSPHPPEECV EEFQSLTSCSL DFKAFVTPR NQEACPLSSK
Source	E.coli
Target Names	Apom
Protein Names	Recommended name: Apolipoprotein M Short name= Apo-M Short name= ApoM Alternative name(s): Protein Px
Expression Region	18-190
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 protein is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Two transcript variants encoding two different isoforms have been found for this gene, but only one of them has been fully characterized.
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.