



Recombinant Human Apolipoprotein M (APOM)

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| Product Code | CSB-MP001947HU |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O95445 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MFHQIWAALL YFYGIILNSI YQCPEHSQLT TLGVDGKEFP EVHLGQWYFI AGAAPTKEEL ATFDVPDNIV FNMAAGSAPM QLHLRATIRM KDGLCVPRKW IYHLTEGSTD LRTEGRPDMK TELFSSSCPG GIMLNETGQG YQRFLLYNRS PHPPEKCVVEE FKSLTSC LDS KAFLLTPRNQ EACELSNN |
| Source | Mammalian cell |
| Target Names | APOM |
| Protein Names | Recommended name: Apolipoprotein M Short name= Apo-M Short name= ApoM Alternative name(s): Protein G3a |
| Expression Region | 1-188 |
| 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 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. |