



Recombinant Rat Oncomodulin (Ocm)

Product Code	CSB-BP016264RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P02631
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	SITDILSAE DIAAALQECQ DPDTFEPQKF FQTSGLSKMS ASQVKDIFRF IDNDQSGYLD GDELKYFLQK FQSDARELTE SETKSLMDAA DNDGDGKIGA DEFQEMVHS
Source	Baculovirus
Target Names	Ocm
Protein Names	Recommended name: Oncomodulin Short name= OM Alternative name(s): Parvalbumin beta
Expression Region	2-109
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 is similar to the oncomodulin gene, a high-affinity calcium ion-binding protein that belongs to the superfamily of calmodulin proteins, also known as the EF-hand proteins.
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.