



Recombinant Human Mimecan (OGN)

Product Code	CSB-EP016314HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P20774
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	PPTQQDSRII YDYGTDNFEE SIFSQDYEDK YLDGKNIKEK ETVIIPNEKS LQLQKDEAIT PLPPKKEDE MPTCLLCVCL SGSVYCEEVD IDAVPPLPKE SAYLYARFNK IKKLTAKDFA DIPNLRRLDF TGNLIEDIED GTFSKLSLLE ELSLAENQLL KLPVLPPKLT LFNAYNKIK SRGIKANAFK KLNNLTFLYL DHNALESVPL NLPESLRVIH LQFNNIASIT DDTFCKANDT SYIRDRIEEI RLEGNPVILG KHPNSFICKL RLPIGSYF
Source	E.coli
Target Names	OGN
Protein Names	Recommended name: Mimecan Alternative name(s): Osteoglycin Osteoinductive factor Short name= OIF
Expression Region	21-298
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 encodes a protein which induces ectopic bone formation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR). Alternatively spliced transcript variants that encode the same protein have been found for this gene.
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.