



Recombinant Mouse Ficolin-2 (Fcn2)

Product Code	CSB-EP008551MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O70497
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	<p>AGT CPELKVLDLE GYKQLTILQG CPGLPGAAGP KGEAGAKGDR GESGLPGIPG KEGPTGPKGN QGEKGIRGEK GDSGPSQSCA TGPRTCKELL TQGHFLTGWY TIYLPDCRPL TVLCDMDTDG GGWTVFQRRLL DGSVDFFRDW TSYKRGFGSQ LGEFWLGNDN IHALTTQGT S ELRVDLSDFE GKHFDAKYSS FQIQGEAEKY KLILGNFLGG GAGDSLTPHN NRLFSTKDQD NDGSTSSCAM GYHGAWWYSQ CHTSNLNGLY LRGPHKSYAN GVNWKSURGY NYSCKVSEMK VRLI</p>
Source	E.coli
Target Names	Fcn2
Protein Names	Recommended name: Ficolin-2 Alternative name(s): Collagen/fibrinogen domain-containing protein 2 Ficolin-B Ficolin-beta L-ficolin
Expression Region	18-314
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	The product of this gene belongs to the ficolin family of proteins. This family is characterized by the presence of a leader peptide, a short N-terminal segment, followed by a collagen-like region, and a C-terminal fibrinogen-like domain. This gene is predominantly expressed in the liver, and has been shown to have carbohydrate binding and opsonic activities. Alternatively spliced transcript variants encoding different isoforms have been identified.
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.