



Recombinant Mouse WAP four-disulfide core domain protein 2 (Wfdc2)

Product Code	CSB-MP887573MO
Abbreviation	Wfdc2
Storage	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.
Uniprot No.	Q9DAU7
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	TGTDA EKPGECPQLE PITDCVLECT LDKDCADNRK CCQAGCSSVC SKPNGPSEGE LSGTDTKLSE TGTTTQSAGL DHTTKPPGGQ VSTKPPAVTR EGLGVREKQG TCPSVDIPKL GLCEDQCQVD SQCSGNMKCC RNGCGKMACT TPKF
Source	Mammalian cell
Target Names	Wfdc2
Protein Names	Recommended name: WAP four-disulfide core domain protein 2 Alternative name(s): WAP domain-containing protein HE4
Expression Region	26-174
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 that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation.
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.



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