Recombinant Human WAP four-disulfide core domain protein 8 (WFDC8)

Product Code	CSB-EP818226HU-B
Abbreviation	WFDC8
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.	Q8IUA0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	ML TKKIKHKPGL CPKERLTCTT ELPDSCNTDF DCKEYQKCCF FACQKKCMDP FQEPCMLPVR HGNCNHEAQR WHFDFKNYRC TPFKYRGCEG NANNFLNEDA CRTACMLIVK DGQCPLFPFT ERKECPPSCH SDIDCPQTDK CCESRCGFVC ARAWTVKKGF CPRKPLLCTK IDKPKCLQDE ECPLVEKCCS HCGLKCMDPR R
Source	E.coli
Target Names	WFDC8
Protein Names	Recommended name: WAP four-disulfide core domain protein 8 Alternative name(s): Putative protease inhibitor WAP8
Expression Region	39-241
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 member of the WAP-type four-disulfide core (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. The encoded protein contains a Kunitz-inhibitor domain, in addition to three WFDC domains. Most WFDC genes are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the telomeric cluster. Two alternatively spliced transcript variants have been found for this gene, and they encode the same protein.
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.