



Recombinant Human WAP, kazal, immunoglobulin, kunitz and NTR domain-containing protein 1 (WFIKKN1)

Product Code	CSB-MP842729HU
Abbreviation	WFIKKN1
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.	Q96NZ8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	A GLLPGLGSHP GVC PNQLSPN LWVDAQSTCE RECSR DQDCA AAEKCCINVC GLHSCVAARF PGSPAAPTTA ASCEGFVCPQ QGSDCDIWDG QPVCRCRDR C EKEPSFTCAS DGLTYYNRCY MDAEACL RGL HLHIVPCKHV LSWPPSSPGP PETTARPTPG AAPVPPALYS SPSPQAVQVG GTASLHCDVS GRPPPAVTWE KQSHQRENLI MRPDQMYGNV VVTSIGQLVL YNARPEDAGL YTCTARNAAG LLRADFPLSV VQREPARDAA PSIPAPAECL PDVQACTGPT SPHLVLWHYD PQRGGCMTFP ARGCDGAARG FETYEACQQA CARGPGDACV LPAVQGPCRG WEPRWAYSPL LQQCHPFVYG GCEGNGNNFH SRESCEDACP VPRTPPCRAC RLRSKLALSL CRSDFAI VGR LTEVLEEPEA AGGIARVALE DVLKDDKMGL KFLGTKYLEV TLSGMDWACP CPNMTAGDGP LVIMGEVRDG VAVLDAGSYV RAASEKRVKK ILELLEKQAC ELLNRFQD
Source	Mammalian cell
Target Names	WFIKKN1
Protein Names	Recommended name: WAP, kazal, immunoglobulin, kunitz and NTR domain-containing protein 1 Alternative name(s): Growth and differentiation factor-associated serum protein 2 Short name= GASP-2 Short name= hGASP-2 WAP, follistatin, i
Expression Region	20-548
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 secreted multidomain protein consisting of a signal peptide, a WAP domain, a follistatin domain, an immunoglobulin domain, two



tandem Kunitz domains, and an NTR domain. These domains have been implicated frequently in inhibition of various types of proteases, suggesting that the encoded protein may be a multivalent protease inhibitor and may control the action of multiple types of serine proteases as well as metalloproteinases.

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

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