

Recombinant Human WFDC12, His-tagged

Cat. No. WFDC12-5009H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human WFDC12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	WFDC12 is 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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 1mM DTT
Molecular Mass	12.1 kDa(111aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSVKEGIEK AGVCPADNVR CFKSDPPQCH TDQDCLGERK CCYLHCGFKC VIPVKELEEG GNKDEDVSRP YPEPGWEAKC PGSSSTRCPQ K
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing

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cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [WFDC12 WAP four-disulfide core domain 12 \[Homo sapiens \]](#)

Official Symbol WFDC12

Synonyms WFDC12; WAP four-disulfide core domain 12; C20orf122, chromosome 20 open reading frame 122; WAP four-disulfide core domain protein 12; dJ211D12.4; WAP2; whey acidic protein 2; protease inhibitor WAP2; single WAP motif protein 2; putative protease inhibitor WAP12; SWAM2; C20orf122;

Gene ID [128488](#)

mRNA Refseq [NM_080869](#)

Protein Refseq [NP_543145](#)

MIM [609872](#)

UniProt ID [Q8WWY7](#)

Chromosome Location 20q12-q13.1

Function peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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