

Recombinant Human WAP four-disulfide core domain 12, His-tagged

Cat. No. WFDC12-408H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WFDC12, 24-111aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	24-111 a.a.
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. Recombinant human WFDC12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing 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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA