

## 32-5247: Recombinant Human WAP Four-Disulfide Core Domain 12

### Alternative Name :

WAP Four-Disulfide Core Domain 12, Putative Protease Inhibitor WAP12, Whey Acidic Protein 2, Chromosome 20 Open Reading Frame 122, Protease Inhibitor WAP2, Single WAP Motif Protein 2, WAP Four-Disulfide Core Domain Protein 12, dj211D12.4, C20orf122,

### Description

Source : Escherichia Coli. WFDC12 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 111 amino acids (24-111) and having a molecular mass of 12.1 kDa. WFDC12 is fused to a 23 amino acid His-tag at N-terminus. WFDC12 belongs to the WFDC (WAP-type four-disulfide core) domain family. The WAP signature motif or WFDC domain has four disulfide bonds created by eight cysteines at the core of the protein, which operates as a protease inhibitor.

### Product Info

#### Amount :

20 µg

#### Purification :

Greater than 85% as determined by SDS-PAGE.

#### Content :

The WFDC12 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.

#### Storage condition :

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

#### Amino Acid :

MGSSHHHHHH SSGLVPRGSH MGSVKEGIEK AGVCPADNVR CFKSDPPQCH TDQDCLGERK  
CCYLHCGFKC VIPVKELEEG GNKDEDVSRP YPEPGWEAKC PGSSSTRCPQ K

