
Product Data Sheet

Product Name: WFDC12 Human
 Cat. No.: GP25012
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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; SWAM2; WAP2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSVKEGIEK AGVCPADNVR CFKSDPPQCH TDQDCLGERK CCYLHCGFKC VIPVKELEEG GNKDEDVSRP YPEPGWEAKC PGSSSTRCPQ K		
Formulation	The WFDC12 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.		

Introduction

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA