9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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WFDC12 Human

WAP Four-Disulfide Core Domain 12 Human Recombinant
RCP2577

Product Overview

Name	WFDC12 Human
Description	
WAP Four-Disulfide Core Domain 12 Human Recombinant	
Accession (Primary)	Q8WWY7
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.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The WFDC12 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS VKEGIEK AGVCPADNVR CFKSDPPQCH TDQDCLGERK CCYLHCGFKC VIPVKELEEG GNKDEDVSRP YPEPGWEAKC PGSSSTRCPQ K	
Precautions	
WFDC12 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q8WWY7)