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DATA SHEET

WAP Four-Disulfide Core Domain 12 Human Recombinant

Item Number	rAP-5072
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
Description	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.
Uniprot Accesion Number	Q8WWY7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSVKEGIEK AGVCPADNVR CFKSDPPQCH TDQDCLGERK CCYLHCGFKC VIPVKELEEG GNKDEDVSRP YPEPGWEAKC PGSSSTRCPQ K
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The WFDC12 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only