

WAP Four-Disulfide Core Domain 2 Human Recombinant

Item Number	rAP-5071
Synonyms	WAP four-disulfide core domain protein 2, Epididymal secretory protein E4, Major epididymis-specific protein E4, Putative protease inhibitor WAP5, WFDC2, HE4, WAP5, EDDM4, dJ461P17.6.
Description	WFDC2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (31-124) containing 104 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 11.3kDa (calculated).
Uniprot Accession Number	Q14508
Amino Acid Sequence	MKHHHHHHASEKTGVCPELQ ADQNCTQECV SDSECADNLK CCSAGCATFC SLPNDKEGSC PQVNINFPQL GLCRDQCQVD SQCPGQMKCC RINGCGKVSCV TPNF.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	WFDC2 filtered (0.4µm) and lyophilized from 0.5mg/ml in PBS buffer, pH 7.5. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. WFDC2 is not sterile! Please filter the product by an appropriate sterile filter before using
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**