9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

WFDC2 Human

WAP Four-Disulfide Core Domain 2 Recombinant Human
RCP2578

Product Overview

Name	WFDC2 Human
Description	
WAP Four-Disulfide Core Domain 2 Recombinant Human	
Accession (Primary)	Q14508
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.	
Introduction	
WAP four-disulfide core domain protein 2 (WFDC2) is a protease inhibitor, which belongs to the WFDC domain family. WFDC2 is effective with a broad range of proteases, e.g. aspartic, serine or thiol proteases. WFDC2 is expressed in several normal tissues, including the male reproductive system, regions of the respiratory tract and nasopharynx. WFDC2 may be involved in sperm maturation. WFDC2 is also highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The protein was filtered (0.2 µm) and lyophilized from a concentrated solution containing PBS, pH 7.0.	
Stability	
Lyophilized WAP Four-Disulfide Core Domain 2 Human Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution WFDC2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
EKTGVCPELQ ADQNCTQECV SDSECADNLK CCSAGCATFC SLPNDKEGSC PQVNINFPQL GLCRDQCQVD	

SQCPGQMKCC RNGCGKVSCV TPNF.

Solubility

It is recommended to reconstitute the lyophilized Human WAP Four-Disulfide Core Domain 2 in sterile 18MΩ-cm H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

WFDC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q14508)