

Human WFDC2 Recombinant Protein



RPPB5058

Product Information Protein Information

Product SKU:

RPPB5058

Accession:

Q14508

Host:

Escherichia Coli.

Protein description:

WAP Four-Disulfide Core Domain 2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 94 amino acids and having a molecular mass of 10.0 kDa (although migrates with an apparent molecular mass of 16.9 kDa in SDS-PAGE). The WFDC2 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

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.

Formulation:

The protein was filtered (0.2µm) and lyophilized from a concentrated solution containing PBS, pH 7.0.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Human WAP Four-Disulfide Core Domain 2 in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

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.

Amino Acid Sequence:

EKTGVCPELQ ADQNCTQECV SDSECADNLK CCSAGCATFC SLPNDKEGSC PQVNINFPQL GLCRDQCQVD SQCPGQMKCC RINGCGKVSCV TPNF.