

Recombinant Hmuan WFDC2 protein

Cat. No. WFDC2-663H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Hmuan WFDC2 protein(31-124 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	31-124 aa
Form	Lyophilized from a 0.2 μ filtered concentrated solution in PBS, pH 7.0.
Molecular Mass	Approximately 10.0 kDa, a single polypeptide chain containing 94 amino acids. But it migrates with an apparent molecular mass of 16.9 kDa in SDS-PAGE.
AASequence	EKTGVCPELQ ADQNCTQECV SDSECADNLK CCSAGCATFC SLPNDKEGSC PQVNINFPQL GLCRDQCQVD SQCPGQMKCC RNGCGKVSCV TPNF
Endotoxin	Less than 1.0 EU/g of rHE4 as determined by LAL method.
Purity	>95% by SDS-PAGE.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name [WFDC2 WAP four-disulfide core domain 2 \[Homo sapiens \]](#)

Official Symbol [WFDC2](#)

Synonyms WFDC2; WAP four-disulfide core domain 2; WAP four-disulfide core domain protein 2; dJ461P17.6; EDDM4; epididymal protein 4; HE4; WAP5; epididymal secretory protein E4; putative protease inhibitor WAP5; WAP domain containing protein HE4-V4; major epididymis-specific protein E4; epididymis-specific, whey-acidic protein type, four-disulfide core; MGC57529;

Gene ID [10406](#)

mRNA Refseq [NM_006103](#)

Protein Refseq [NP_006094](#)

UniProt ID [Q14508](#)

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