

## Recombinant Hmuan WFDC2 protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Hmuan WFDC2 protein(31-124 aa) was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	31-124 aa
<b>Form</b>	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.0.
<b>Molecular Mass</b>	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.
<b>AASequence</b>	EKTGVCPELQ ADQNCTQECV SDSECADNLK CCSAGCATFC SLPNDKEGSC PQVNINFPQL GLCRDQCQVD SQCPGQMKCC RINGCGKVSCV TPNF
<b>Endotoxin</b>	Less than 1.0 EU/g of rHE4 as determined by LAL method.
<b>Purity</b>	>95% by SDS-PAGE.
<b>Storage</b>	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  $\leq -20$  °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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