

## Recombinant Human WFDC2 protein, His-tagged

Cat. No. WFDC2-3982H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human WFDC2 protein(NP_006094.3)(Met1-Phe124), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Phe124
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The secreted recombinant human WFDC2 comprises 105 amino acids with a predicted molecular mass of 11.3 kDa. It migrates as an approximately 20 and 23-27 KDa band in SDS-PAGE under reducing conditions due to different glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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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