

## Recombinant Human HE4, GST-tagged

Cat. No. HE4-13720H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HE4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	21-124a.a.
<b>Description</b>	This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** WFDC2 WAP four-disulfide core domain 2 [ Homo sapiens ]

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<b>Official Symbol</b>	WFDC2
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">10406</a>
<b>mRNA Refseq</b>	<a href="#">NM_006103</a>
<b>Protein Refseq</b>	<a href="#">NP_006094</a>
<b>UniProt ID</b>	<a href="#">Q14508</a>
<b>Chromosome Location</b>	20q12-q13.2
<b>Function</b>	endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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