



# AVISCERA BIOSCIENCE

## Human Epididymis Protein 4 (HE4) Recombinant

### Product Information

Code	00412-06-10
Name	HE4 (Human) rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Mature form
Protein ID	NP_006094
Gene ID	NM_006103
MW	23-27 KD
Tag	His tag on C terminus
Source	Human HEK293 cells
Purity	>95% in SDS- PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	free
Storage	-20 °C ~ -70 °C
Reconstitution	50 µl
Application	Cell Biology

### Alternative name(s):

WAP four-disulfide core domain protein 2 (WFDC2)  
Putative protease inhibitor WAP5

### Description

A DNA sequence encoding the human HE4 (Glu31-Phe124) was fused with a poly histidine tag at the C-terminus. The secreted recombinant human HE4 generated after removal of the signal peptide comprises 105 amino acids with a predicted molecular mass of 11.3 kDa. As a result of glycosylation, it migrates as an approximately 23-27 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized 10 µg of human HE4 in 50 µl of PBS, Carry free.

### Endotoxin Levels

< 1.0 EU per 1 µg of the protein by the LAL method.

### Reconstitution & Storage

Add 50 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Human HE4 (Glu31-Phe124)

### ORDER INFORMATION

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