

Epididymis protein 4 Recombinant Protein | HE4 recombinant protein

Recombinant Human Epididymis protein 4 (HE4)

CATALOG #
AAA55773

HOST
E. coli AA 21-124 (Q14508).

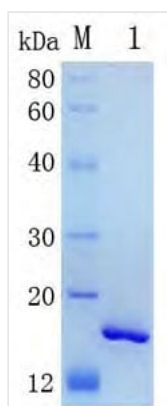
PRODUCT SYNONYMS

Epididymis protein 4; Recombinant Human Epididymis protein 4 (HE4); WFDC2; WAP5; EDDM4; Epididymal Protein 4; Epididymal Secretory Protein E4; Putative Protease Inhibitor WAP5; Major epididymis-specific protein E4.; HE4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli AA 21-124 (Q14508).
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, 300 mM Imidazole, pH 8.0, with 15% glycerol.
Concentration	1.5 mg/mL (varies by lot)
Source	Human
Protein residues	with N-terminal 6×His-tag.
Protein sequences	GFTLVSGTGAKEKGVCPQLQADQNCTQECVSDSECADNLKCCSAGCATFCSL PNDKEGSCPQVNINFPQLGLCRDQCQVDSQCPGQMKCCRNCGKVCVTPNF
[Predicted molecular mass]	Predicted MW: 17 kDa Observed MW: 17 kDa
Endotoxin level	Please contact us for more information.
USAGE	HE4 Protein-Centrifuge the standard vial at 6000-1000rpm for 30s.
Preparation and Storage	Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. The recombinant protein is stable for up to 6 months from date of receipt at -80°C .

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HE4 recombinant protein	WAP four-disulfide core domain protein 2 - also known as Human EpididymisProtein 4 (HE4), is 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. Expressed in a number of normal tissues, including male reproductive system, regions of the respiratory tract and nasopharynx. Highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines. Initially described as being exclusively transcribed in the epididymis.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/epididymis-protein-4-recombinant-protein-e-coli/55773>