

RP00132

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Recombinant Human WAP5/WFDC2/HE4 Protein

Catalog No.: RP00132

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	10406	Q14508

Tags

C-His

Synonyms

EDDM4; HE4; WAP5;
dJ461P17.6;WFDC2;HE4;WAP5;dJ461P
17.6

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Background

The 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.

Basic Information

Description

Recombinant Human WAP5/WFDC2/HE4 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Glu31-Phe124) of human WAP5/WFDC2/HE4 (Accession #NP_006094.3) fused with a 6×His tag at the C-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

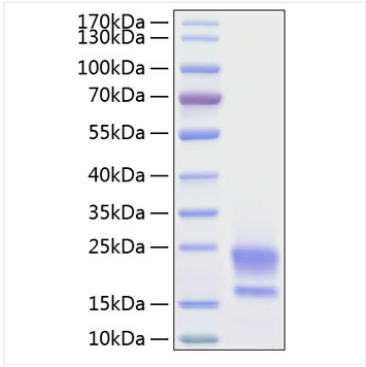
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Contact



www.abclonal.com

Validation Data



Recombinant Human
WAP5/WFDC2/HE4 Protein was
determined by SDS-PAGE under
reducing conditions with Coomassie
Blue.