Recombinant Human Testican-1/SPOCK1 Protein

Catalog No.: RP01051

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Sequence Information

Species
Human

Gene ID
6695

Swiss Prot
Q08629

Tags
C-His

Synonyms
SPOCK,TIC1,TICN1,Testican-1, SPOCK1

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
47.84 kDa

Observed MW
55-60kDa

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
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Human Testican-1/SPOCK1 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Arg22-Trp439) of human Testican 1/SPOCK1 (Accession #NP_004589.1.) fused with a 6×His tag at the C-terminus.

Activity
Measured by its ability to inhibit active Cathepsin L cleavage of a fluorogenic peptide substrate Z-LR-AMC. The IC50 value approximately is 1.7 nM.

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.

Storage
Store at -20℃

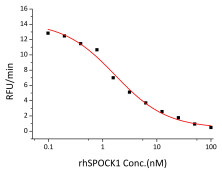
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

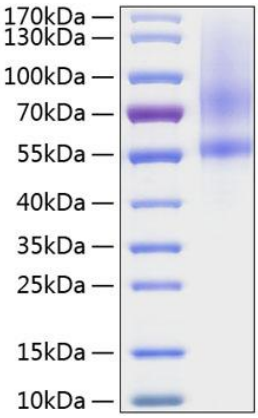
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant human SPOCK1 inhibits active Cathepsin L cleavage of a fluorogenic peptide substrate Z-LR-AMC (Catalog#ES008). The IC50 value approximately is 1.7 nM.



Recombinant Human Testican-1/SPOCK1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.