

Recombinant human FDCSP protein

Catalog Number: ATGP1880

PRODUCT INFORMATION

Expression system

E.coli

Domain

18-85aa

UniProt No.

Q8NFU4

NCBI Accession No.

NP_694542.1

Alternative Names

Follicular dendritic cell secreted peptide, C4orf7, FDC-SP

PRODUCT SPECIFICATION

Molecular Weight

10.4 kDa (91aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 50% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

FDCSP is a small secreted protein that is in follicular dendritic cells. This protein specifically binds to activated B cells, and functions as a regulator of antibody responses. It is also thought to contribute to tumor metastases by promoting cancer cell migration and invasion. Recombinant human FDCSP protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>FPVSQDQ EREKRSISDS DELASGFFVF PYPYPRPLP PIPFPRFPWF RRNFPIPIPE SAPTTPLPSE K

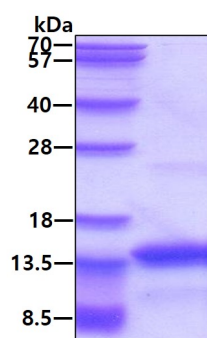
General References

Wang,C., et al. (2010) Oncol. Rep. 24 (4), 933-939

Al-Alwan,M., et al. (2007) . Immunol. 178 (12), 7859-7867

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.