9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FDCSP Human

Follicular Dendritic Cell Secreted Protein Human Recombinant
RCP0845

Product Overview

Name	FDCSP Human

Description

Follicular Dendritic Cell Secreted Protein Human Recombinant

Accession (Primary)	Q8NFU4

Synonyms

Follicular dendritic cell secreted peptide, FDC secreted protein, FDC-SP, FDCSP, C4orf7.

Introduction

Follicular Dendritic Cell Secreted Protein (FDCSP) is a small secreted protein which is found in follicular dendritic cells. The FDCSP protein specifically binds to activated B cells, and serves as a regulator of antibody responses. In addition, FDCSP is assumed to contribute to tumor metastases by promoting cancer cell migration and invasion. FDCSP binds to the surface of B-lymphoma cells, but not T-lymphoma cells, which is consistent with a function as a secreted mediator acting upon B-cells. FDCSP is abundantly expressed in the tonsil, lymph node, and tracheam, having a strong expression in the prostate and a lower expression in the thyroid, stomach and colon.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

FDCSP protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.15M NaCl, 50% glycerol and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS FPVSQDQ EREKRSISDS DELASGFFVF PYPYPFRPLP PIPFPRFPWF RRNFPIPIPE SAPTTPLPSE K.

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Precautions

FDCSP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8NFU4)