
Product Data Sheet

Product Name: FDCSP Human
 Cat. No.: GP23486
 Batch No.: 1

Product Data

| | | | |
|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Follicular dendritic cell secreted peptide; FDC secreted protein; FDC-SP; FDCSP; C4orf7. | | |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSFPVSQDQ EREKRSISDS DELASGFFVF PYPYPRPLP PIPFPRFPWF RRNFPIPIPE SAPTTPLPSE K. | | |
| Formulation | FDCSP protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.15M NaCl, 50% glycerol and 1mM DTT. | | |

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.

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.

Background

FDCSP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 91 amino acids (18-85 a.a) and having a molecular mass of 10.4kDa. FDCSP is fused to a 23 amino acid His-tag at N-terminus & purified by

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA