

Recombinant Human C4orf7, His-tagged

Cat. No. C4orf7-903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C4orf7 encoding the human follicular dendritic cell secreted peptide (FDC-SP) (Phe18P-Lys85) was recombined with His tag at the N-Terminus. That was expressed in <i>E. Coli</i> , and purified by Ni-NTA column. MW=7.5KDa.
Species	Human
Source	E.coli
ProteinLength	18-85 a.a.
Description	FDC-SP or Follicular Dendritic Cell-secreted Protein is a small, secreted protein. It is thought to play an immune role in the junctional epithelium at the gingival crevice. It is very similar in structure to statherin, a protein contained in saliva.
Sequence	Mature human follicular dendritic cell secreted peptide (Phe ^{18P} -Lys ⁸⁵)18PVSQDQER EK RSISDSDELA SGFFVFPYPY PFRPLPIPF PRFPWFRRNF PIPIESAPT TPLP SEK 85.
Purity	>95% in SDS gel.
Formulation	Lyophilized 100 µg human C4orf7 in 50 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.
Application	Cell biology, ELISA.

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Reconstitution	Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4°C, mix well.
Storage	Store lyophilized protein at -20°C or -70°C. Lyophilized protein is stable for up to 6 months from date of receipt at -70°C. Upon reconstitution, this protein can be stored at for a few weeks or at -70°C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.
GENE INFORMATION	
Gene Name	C4orf7 chromosome 4 open reading frame 7 [Homo sapiens]
Synonyms	C4orf7; chromosome 4 open reading frame 7; FDC-SP; MGC71894; follicular dendritic cell secreted peptide
Gene ID	260436
mRNA Refseq	NM_152997
Protein Refseq	NP_694542
MIM	607241
UniProt ID	Q8NFU4
Chromosome Location	4q13

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