

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CFTR (E733) Peptide

Cat No.: BS1525P

#### Background

CFTR, for cystic fibrosis transmembrane conductance regulator, is a cyclic adenosine monophosphate (cAMP)-regulated chloride channel protein. CFTR belongs to the MDR subfamily within the ATP-binding transport protein family. It has two transmembrane domains (TMDs), two nucleotide binding domains (NBDs) and one regulatory domain. Mutations of CFTR are associated with cystic fibrosis (CF), a disease characterized by chronic bronchopulmonary disease, elevated sweat electrolytes and insufficient pancreatic function. CFTR mutations can also result in congenital bilateral absence of vas deferens (CBAVD), a form of male sterility that a majority of male CF patients exhibit.

#### Swiss-Prot

P13569

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1525 CFTR (E733) pAb.

#### Purification & Purity

Synthetic peptide CFTR (E733). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

1660 South Highway 100, Suite 500 St. Louis Park, MN  
55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co, Ltd.

No 9, weidi road Qixia District Nanjing, 210046,  
P, R.China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: +86-025-68037686

Fax: +86-025-68035151