

## **Clostridium chauvoei CCTA/TCP1 Recombinant Protein**

PX-P3067-10

### **DESCRIPTION**

Cytotoxin (alpha hemolysin) secreted by the Clostridium chauvoei bacteria. This bacteria is known to cause blackleg disease in humans and animals, a zoonose classified as soil-borne disease: scientists have found a correlation between flooding and the amount of bacteria found in the soil (the spores are redistributed to then contaminate soils, pastures, and water)

### **OVERVIEW**

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<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	Clostridium chauvoei
<b>FRAGMENT</b>	
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	59.52 kDa
<b>DELIVERY CONDITION</b>	Dry Ice

### **PRODUCT INFORMATION**

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<b>EXPRESSION SYSTEM</b>	Prokaryotic expression
<b>HOST</b>	E.coli
<b>PURITY</b>	60%
<b>PROTEIN ACCESSION</b>	
<b>FORM</b>	Frozen
<b>BUFFER</b>	Tris 50mM, NaCl 150mM ,pH7.5
<b>STABILITY &amp; STORAGE</b>	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

## MORE INFO

**GENE ID**

**SWISSPROTID**

**UNIPROT ID**

**UNIPROT LINK**

**NCBI GENE ALIASES**

**SYNONYMS** CCT-alpha, CCT1, CCTa, D6S230E, TCP-1-alpha, D6S230E, Tcp1-like (TCP1) Protein

## PROTEIN SEQUENCE

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QENTCIVETPSEGVKTFTSSDTAYADYNCFKTNLSVTFIEDQHNNQLTALVSTEGSFIPSGLSRVGGYYQADMYWPSKYYTTLTTYDRNNRVKITKSIPTNQIDTVS  
VSETMGYSIGGSLSIEYGKEGPKAGGGINGSYTAQRSVTYDQPDYRLLMKDSVNSASWEVAFNATKDG YDRDSYHGIYGNQLFMRYRLYNTGINNLTTDNNLS  
SLIVGGFSPKVVIALTAPKGTEESTVKVEYNRFNDQYRLRWSGT

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