

# Recombinant Full Length *Cytophaga Hutchinsonii* Large-Conductance Mechanosensitive Channel(Mscl) Protein, His-Tagged

**Cat. No.** RFL10566CF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length <i>Cytophaga hutchinsonii</i> Large-conductance mechanosensitive channel(mscL) Protein (Q11TN7) (1-141aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| <b>Species</b>          | <i>Cytophaga hutchinsonii</i>   |
| <b>Source</b>           | <i>E.coli</i>   |
| <b>ProteinLength</b>    | Full Length (1-141)   |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | MSFIGEFKAFAMRGNVVDLAVGVIIGGAFGKIVSSMVDDLIMPVIVSIFMGDKGFKDKF<br>FV FGNQTFESLAKAKEAGVPVFAYGNFIQTVIDFTILAFVIFLMVKGMNNLKKKEEAA<br>APAP VPAEPTKEEQLLTEIRDLLKK  |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**GENE INFORMATION**

**Gene Name**

mscL

**Synonyms**

mscL; CHU\_1961; Large-conductance mechanosensitive channel

**UniProt ID**

[Q11TN7](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA