

RP01998LQ

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# Recombinant *Ramazzottius varieornatus* DSUP Protein

Catalog No.: RP01998LQ

Recombinant

## Sequence Information

| Species        | Gene ID | Swiss Prot |
|----------------|---------|------------|
| <i>E. coli</i> |         | P0DOW4     |

### Tags

N-His-sumo & C-Flag

### Synonyms

Damage suppressor protein;Dsup;RvY\_17224

## Product Information

### Source

### Purification

≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

### Endotoxin

Please contact us for more information.

### Formulation

0.22 µm filtered solution of PBS, pH 7.4.

### Reconstitution

## Background

Unique chromatin-associating protein that contributes to the organism's exceptional tolerance to harsh environmental stresses. Protects chromatin from damage caused by hydroxyl radical-mediated cleavage induced by X-rays or treatment with hydrogen peroxide. Shields also DNA against reactive oxygen species.

## Basic Information

### Description

Recombinant *Ramazzottius varieornatus* DSUP Protein is produced by *E. coli* cells expression system. The target protein is expressed with sequence (Met1-Lys445) of Human CR2/CD21 (Accession #P0DOW4) fused with His-sumo tag at the N-terminus and Flag tag at C-terminus.

### Bio-Activity

### Shipping

Lyophilized proteins are shipped at ambient temperature.  
Liquid proteins are shipped at frozen temperature with dry ice.  
Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

Store at -70°C  
Avoid repeated freeze/thaw cycles.

## Contact

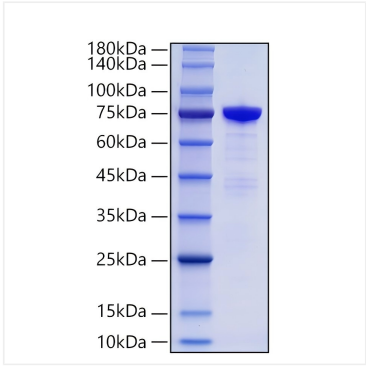


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## Validation Data

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Recombinant *Ramazzottius varieornatus* DSUP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.