Datasheet for ABIN2452186

RuvC Protein

Overview

<table>
<thead>
<tr>
<th>Quantity:</th>
<th>20 μg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target:</td>
<td>RuvC</td>
</tr>
<tr>
<td>Origin:</td>
<td>E. coli</td>
</tr>
<tr>
<td>Source:</td>
<td>Escherichia coli (E. coli)</td>
</tr>
<tr>
<td>Protein Type:</td>
<td>Native</td>
</tr>
<tr>
<td>Biological Activity:</td>
<td>Active</td>
</tr>
<tr>
<td>Application:</td>
<td>SDS-PAGE (SDS), Functional Studies (Func), ELISA, Western Blotting (WB)</td>
</tr>
</tbody>
</table>

Product Details

Characteristics: Full-length recombinant protein expressed in E.coli and highly purified by combined chromatography. RuvC protein purity is over 90 % by SDS-PAGE (CBB staining)

Target Details

<table>
<thead>
<tr>
<th>Target:</th>
<th>RuvC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative Name:</td>
<td>RuvC (RuvC Products)</td>
</tr>
<tr>
<td>Background:</td>
<td>E. coli RuvC protein (19 kDa) is a structurally specific endonuclease which binds specifically to the Holliday structure, an intermediate of recombination, at the late stage of homologous recombination and recombination repair and introduces a nick in the symmetrical point of the Holliday junction leaving and resolving the recombinant. Functional form is dimmer.</td>
</tr>
<tr>
<td>UniProt:</td>
<td>P0A814</td>
</tr>
</tbody>
</table>
## Application Details

**Application Notes:**
2) SDS-PAGE (0.2 g/lane)
3) Standard antigen for western blotting and ELISA

**Restrictions:**
For Research Use only

## Handling

**Format:**
Liquid

**Concentration:**
1.0 mg/mL

**Buffer:**
50 % glycerol, 10 mM Tris-HCl (pH 7.5), 2 mM EDTA, 100 mM NaCl, 5 mM mercaptoethanol

**Storage:**
-20 °C/-80 °C

**Storage Comment:**
Upon arrival centrifuge briefly and store at -20 C or at -80 C for longer storage.

## Publications

**Product cited in:**


## Images

[SDS-PAGE Image 1]
Fig. 1 Polyacrylamide gel electrophoresis of RuvC protein.