# Recombinant Human hCG beta protein (His tag) ab223019

## Description

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>Recombinant Human hCG beta protein (His tag)</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>&gt; 90 % SDS-PAGE. Affinity purified</td>
</tr>
<tr>
<td><strong>Endotoxin level</strong></td>
<td>&lt; 1.000 Eu/µg</td>
</tr>
<tr>
<td><strong>Expression system</strong></td>
<td>Baculovirus infected insect cells</td>
</tr>
<tr>
<td><strong>Accession</strong></td>
<td>P0DN86</td>
</tr>
<tr>
<td><strong>Protein length</strong></td>
<td>Full length protein</td>
</tr>
<tr>
<td><strong>Animal free</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Nature</strong></td>
<td>Recombinant</td>
</tr>
<tr>
<td><strong>Species</strong></td>
<td>Human</td>
</tr>
</tbody>
</table>

### Sequence

```
ADPSKEPLRPRCPINITLAVEKEGCPCITVNTTCAGYSCTPMTTRVLGGVLPALPQVVCNYRDVRFESIRLPQGVPVNVSYAVALSQOCALCRRSTTDCGGPKDHPWTCDPRFQDSSSVKAPPSPSLPSRLPGPSDTPILPQHHHHH
```

### Predicted molecular weight

17 kDa including tags

### Amino acids

21 to 165

### Tags

His tag C-Terminus

### Additional sequence information

Full length mature chain without signal peptide.

## Specifications

Our [Abpromise guarantee](#) covers the use of ab223019 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

### Applications

SDS-PAGE

### Form

Liquid

## Preparation and Storage
Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40
Constituents: 10% Glycerol (glycerin, glycerine), PBS

General Info

Relevance

Function: Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. Tissue specificity: Placenta. Similarity: Belongs to the glycoprotein hormones subunit beta family. Developmental stage: Made by the first trimester placenta.

Images

15% SDS-PAGE - Recombinant Human hCG beta protein (His tag) (3 µg ab223019).
18-28 kDa under reducing conditions.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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