## Recombinant Human SEPP1 protein (His tag) ab235969

### Overview

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Recombinant Human SEPP1 protein (His tag)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Protein length</strong></td>
<td>Full length protein</td>
</tr>
</tbody>
</table>

### Description

<table>
<thead>
<tr>
<th><strong>Nature</strong></th>
<th>Recombinant</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Source</strong></td>
<td>Escherichia coli</td>
</tr>
</tbody>
</table>

#### Amino Acid Sequence

<table>
<thead>
<tr>
<th><strong>Accession</strong></th>
<th>P49908</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Species</strong></td>
<td>Human</td>
</tr>
</tbody>
</table>

```
ESQDQSSLCKQPAAWIRDQDPMLNSNGSTVVALL
QASSYLCILQASKL
EDLRVKLKEGYSNISYYVNHQGISSRLKTLKNSKVS
EHPPVYQOQEN
QTDVWTLNGSKDDFLYDRCGRLYHLGLPSFILTLPF
YVEEAKAYCE
KKCGNCSTLTLKDEDFCKRVLATVKTVEPSPHYH
HEHHHNHHGQHHLG
SSELSENQQPGAPNAPTHHAPPGLHHHHHHQKGGQRQ
GHPENDMPASEDL
QDLQQKLRCRKCIQNLCLKLPTDSELAPRSSCCHCRH
LIFEKTSAlTSQ
CKENLPSLCSQGLRAEENITECSQSRPPAASISQ
QLIPTEASSRSSKNQAKKSEPSN
```

<table>
<thead>
<tr>
<th><strong>Molecular weight</strong></th>
<th>45 kDa including tags</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Amino acids</strong></td>
<td>20 to 381</td>
</tr>
</tbody>
</table>

#### Tags

His tag N-Terminus

### Additional sequence information

This product is the mature full length protein from aa 20 to 381. The signal peptide is not included.

### Specifications

Our Abpromise guarantee covers the use of ab235969 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

Purity  > 90% SDS-PAGE.

Form  Liquid

Preparation and Storage

Stability and Storage  Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol

General Info

Function  Might be responsible for some of the extracellular antioxidant defense properties of selenium or might be involved in the transport of selenium. May supply selenium to tissues such as brain and testis.

Tissue specificity  Made in the liver and heart and secreted into the plasma. It is also found in the kidney.

Sequence similarities  Belongs to the selenoprotein P family.

Post-translational modifications  Phosphorylation sites are present in the extracellular medium.

Cellular localization  Secreted.

Images

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235969.

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

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• Response to your inquiry within 24 hours

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• Extensive multi-media technical resources to help you
• We investigate all quality concerns to ensure our products perform to the highest standards

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