**Product Datasheet**

**Recombinant human BAFF protein ab79745**

**Overview**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>Recombinant human BAFF protein</td>
</tr>
<tr>
<td><strong>Protein length</strong></td>
<td>Full length protein</td>
</tr>
</tbody>
</table>

**Description**

- **Nature**: Recombinant
- **Source**: Escherichia coli
- **Species**: Human
- **Amino acids**: 134 to 285

**Specifications**

Our **Abpromise guarantee** covers the use of **ab79745** 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, Functional Studies
- **Purity**: > 95% SDS-PAGE, Purity is >98% by SDS-PAGE and HPLC analysis
- **Form**: Lyophilised
- **Additional notes**: Endotoxin Level: < 1EU per µg of BAFF as determined by the LAL method.

**Preparation and Storage**

- **Stability and Storage**: Shipped on Dry Ice. Store at -20°C. Stable for 12 months at -20°C.
- **Constituents**: 2.68% PBS, 0.0077% DTT
- **Additional notes**: This product is an active protein and may elicit a biological response in vivo, handle with caution.

**General Info**
| **Function** | Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands-2 receptors pathway involved in the stimulation of B-and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response. |
| **Tissue specificity** | Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas. |
| **Sequence similarities** | Belongs to the tumor necrosis factor family. |
| **Post-translational modifications** | The soluble form derives from the membrane form by proteolytic processing. N-glycosylated. |
| **Cellular localization** | Secreted and Cell membrane. |

**Images**

Standard curve for BAFF (Analyte: ab79745) dilution range 1pg/ml to 1µg/ml using Capture Antibody ab9359 at 1µg/ml and Detector Antibody ab96360 at 0.1µg/ml.

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

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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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