Supplemental Figure S1

Splenocytes from wild-type and calnexin-deficient EAE mice were stimulated in vitro with MOG35–55 peptide.

A. CD4+/CD3+ and CD8+/CD3+ T-cell populations were analyzed by flow cytometry.

B. MHC I and MHC II population of splenocytes were analyzed by flow cytometry, MFI (mean fluorescence intensity). Data represented as mean ± SEM of three replicates of three independent experiments. The means were compared using unpaired Student’s t-test.
Supplemental Figure S2
Disruption of the calnexin gene in the bEND.3 cell using *in situ* gene editing.
Supplemental Table S1

Summary of Clinical Data

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>No. of patients</th>
<th>Males</th>
<th>Females</th>
<th>Mean</th>
<th>Range</th>
<th>Mean</th>
<th>Range</th>
<th>Mean</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controls</td>
<td>10</td>
<td>8</td>
<td>2</td>
<td>66.1</td>
<td>28 - 88</td>
<td>22.8</td>
<td>15 - 33</td>
<td>-</td>
<td>-</td>
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<tr>
<td>MS</td>
<td>18</td>
<td>7</td>
<td>11</td>
<td>53.6</td>
<td>35 - 74</td>
<td>22.5</td>
<td>8 - 56</td>
<td>18.1</td>
<td>2 - 34</td>
</tr>
</tbody>
</table>

MS, Multiple Sclerosis
full unedited gel for the Figure 6A liver
full unedited gel for the Figure 7A
full unedited gel for the Figure 7B anti-calnexin (upper gel) + loading control (lower gel)
empty lane removed in the final Figure

full unedited gel for the Figure 7C anti-VCAM + loading control
Not relevant images

full unedited gel for the Figure 7C anti-VCAM
full unedited gel for the Figure 7D anti-JAM-A (upper gel) + loading control (lower gel)
full unedited gel for the Figure 7D anti-PECAM