

## Mouse TFF1 Protein

Cat. No. TFF-MM201

### Description

<b>Source</b>	Recombinant Mouse TFF1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln22-Phe87.
<b>Accession</b>	Q08423
<b>Molecular Weight</b>	The protein has a predicted MW of 34 kDa. Due to glycosylation, the protein migrates to 38-42 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu$ g by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

### Formulation and Storage

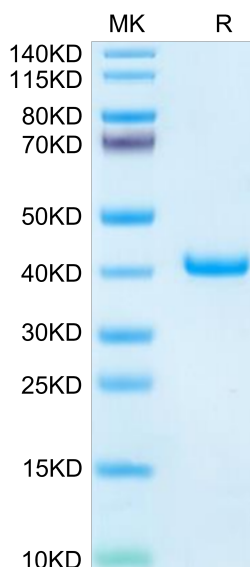
<b>Formulation</b>	Supplied as 0.22 $\mu$ m filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

### Background

Breast cancer (BC) is the most common cancer in women and the second leading cause of their cancer death. Establishing an accurate BC prognosis is very difficult because of its heterogeneity. Elevated TFF1 levels in serum were associated with development of BC, TFF1 expression was upregulated in BC compared to the healthy breast tissue. That expression of TFF1 was related to ER status of BC and that expression of TFF1 was lower in TNBC than in non-TNBC.

### Assay Data

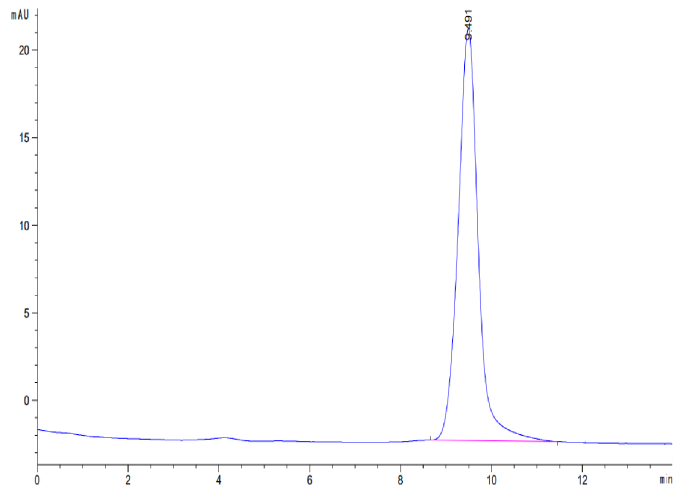
#### Bis-Tris PAGE



Mouse TFF1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

#### SEC-HPLC

Assay Data



The purity of Mouse TFF1 is greater than 95% as determined by SEC-HPLC.