

Recombinant Human Trefoil Factor 2/TFF2 Protein(C-6His)

Cat.NO.: TP05305

3th Edition

Synonyms:Trefoil Factor 2; Spasmolysin; Spasmolytic Polypeptide; SP; TFF2; SML1

Description:Trefoil Factor 2 (TFF2) is a member of the trefoil family and contains two P-type (trefoil) domains. Members of this family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. TFF2 is a secreted protein and specifically expressed in the stomach. TFF2 inhibits gastrointestinal motility and gastric acid secretion. TFF2 could function as a structural component of gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains.

Form:PBS

Molecular Weight:13 kDa

Sequences:Gln24-Tyr129

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.