

**F3, 33-251aa, Human, His tag, E.coli**

**Cat.NO.: TP02068**

---

3th Edition

**Synonyms:**Tissue factor, CD142, TF, TFA.

**Description:**Tissue factor, also known as F3 or CD142, is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

**Molecular Weight:**25.9 kDa (228aa), confirmed by MALDI-TOF

**Sequences:**

MSGTTNTVAAAYNLTKSTNFKTILEWEPKPVNQVYTVQISTKSGDWKSKCFYTTDTECDLTDEIVKDKVQTYLARV  
FSYPAGNVESTGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVTVEDERTLVRRNNTFLSLRDVFGKDLI  
YTLYYWKSSSSGKKTAKTNTNEFLIDVDKGENYCFVQAVIPSRTVNRKSTDSPVECMGQEKGEFRELEHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml

**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.