

**MCFD2, 27-146aa, Human, T7 tag, E.coli**

**Cat.NO.: TP02928**

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3th Edition

**Synonyms:**Multiple coagulation factor deficiency 2, SDNSF, LMAN1IP.

**Description:**Multiple coagulation factor deficiency 2 (MCFD2), also known as SDNSF. This is expressed by neural stem/progenitor cells of the hippocampus, and localized to region where neurogenesis persists throughout life. It has been found to prevent NSC cell death and to maintain stem cell characteristics. This protein forms a complex with LAMN1 that facilitates the transport of coagulation factors V and VIII from the endoplasmic reticulum to the Golgi apparatus via an endoplasmic reticulum Golgi intermediate compartment.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH7.5) containing 100mM NaCl, 10% glycerol

**Molecular Weight:**15.1 kDa (136aa)

**Sequences:**

MASMTGGQQMGRGSHMEEPAASFSPGSMGLDKNTVHDQEHIMEHLEGVINKPEAEMSPQELQLHYFKMHDYD  
GNNLLDGLLELSTAITHVHKEEGSEQAPLMSEDELINIIDGVLRRDDDKNNDGYIDYAEFAKSLQ

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**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.