

Datasheet for ABIN666930

MCFD2 Protein (AA 27-146) (T7 tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	MCFD2
Protein Characteristics:	AA 27-146
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCFD2 protein is labelled with T7 tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	MCFD2, 27-146aa, Human, T7 tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	MCFD2
Alternative Name:	MCFD2 (MCFD2 Products)
Background:	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

Target Details

endoplasmic reticulum Golgi intermediate compartment. Mutations in the MCFD2 gene may cause Factor V and Factor VIII combined deficiency. Recombinant human MCFD2, fused to T7-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: SDNSF, LMAN1IP, Multiple coagulation factor deficiency 2 MCFD 2, DKFZp686G21263, F5F8D, Neural stem cell derived neuronal survival protein, Multiple coagulation factor deficiency protein 2. NCBI no.: NP_644808

Molecular Weight: 15.1 kDa (136aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

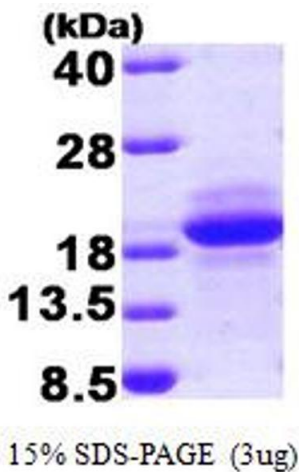
Format: Liquid

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

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

Storage: 4 °C

Images



SDS-PAGE

Image 1.