

Datasheet for ABIN7504537

FAM19A2 Protein (AA 31-131) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FAM19A2
Protein Characteristics:	AA 31-131
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM19A2 protein is labelled with Fc Tag.

Product Details

Purpose:	Human TFAA2/FAM19A2 Protein
Sequence:	Ala31-His131
Characteristics:	Recombinant Human TFAA2/FAM19A2 Protein is expressed from HEK293 with hFc tag at the N-terminus. It contains Ala31-His131.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	FAM19A2
Alternative Name:	TFAA2 (FAM19A2 Products)

Target Details

Background: Tafa is a family of small secreted proteins with conserved cysteine residues and restricted expression in the brain. It is composed of five highly homologous genes referred to as Tafa-1 to -5. FAM19A2/TAFA-2 induces skeletal stem cell migration through the activation of Rac1-p38 signaling and is highly abundant in the central nervous system and MIP1 α regulates energy balance.

Molecular Weight: 36.74 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months