

[Go to Product page](#)

Datasheet for ABIN7195640 **FAM171B Protein (His tag)**

Overview

Quantity:	100 µg
Target:	FAM171B
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM171B protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FAM171B/KIAA1946 Protein (His Tag)
Sequence:	Met 1-Thr355
Characteristics:	A DNA sequence encoding the human FAM171B (AAH60872.1) (Met1-Thr355) was expressed with a C-terminal polyhistidine tag.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	FAM171B
Alternative Name:	FAM171B/KIAA1946 (FAM171B Products)
Background:	Background: RAMP3 belongs to the RAMP family. Members of this family are single-transmembrane-domain proteins, called receptor (calcitonin) activity modifying proteins (RAMPs). RAMPs have a wide biological distribution, high concentrations are found in the brain,

Target Details

lung, liver, heart and spleen with lower expression levels present in the testes, gastrointestinal tract and thyroid. RAMPs are type I transmembrane proteins with an extracellular N terminus and a cytoplasmic C terminus. They are required to transport calcitonin-receptor-like receptor (CRLR) to the plasma membrane. CRLR, a receptor with seven transmembrane domains, can function as either a calcitonin gene-related peptide (CGRP) receptor or an adrenomedullin receptor, depending on which members of the RAMP family are expressed. In the presence of RAMP3 protein, CRLR functions as an adrenomedullin receptor.

Synonym: KIAA1946

Molecular Weight: 37.5 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.