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Datasheet for ABIN2745621 C19ORF80 Protein (Fc Tag)

Overview

Quantity:	3 x 10 µg
Target:	C19ORF80
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C19ORF80 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Mouse (Murine)
Characteristics:	Mouse betatrophin (22-198) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>90 % (SDS-PAGE)
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	C19ORF80
Alternative Name:	Betatrophin (C19ORF80 Products)
Background:	Betatrophin (RIFL, Lipasin, Angiotensin-like protein 8 (ANGPTL8)) is a newly discovered secreted protein of 198 aa that was proposed to promote beta cell proliferation and improve glucose tolerance in mice. Betatrophin may also function in inhibition of lipase activity and on serum triglyceride regulation. Betatrophin is expressed in the liver and in white and brown

Target Details

adipose tissue of mice. In humans, betatrophin is found to be predominantly expressed in the liver. Betatrophin levels are reduced by fasting and are elevated upon insulin resistance and during pregnancy. Betatrophin, according to preliminary data could bind to the macrophage receptor Marco and also to RTN4R, a neuronal receptor. Recently, a study using ANGPTL8 KO mice showed that ANGPTL8/Betatrophin does not play a role in beta cell proliferation nor in glycemic control as previously thought, but regulates plasma triglyceride levels.

Molecular Weight: ~50kDa

UniProt: [Q8R1L8](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with 100 µL sterile water.

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS + 0.02 % CHAPS.

Storage: 4 °C,-20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months