

Datasheet for ABIN5714378

METRNL Protein (AA 46-311) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	METRNL
Protein Characteristics:	AA 46-311
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This METRNL protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QYSSDRCSWK GSGLTHEAHR KEVEQVYLRC AAGAVEWMYP TGALIVNLRP NTFSPARHLT VCIRSFTDSS GANIYLEKTG ELRLLVPDGD GRPGRVQCFG LEQGGLFVEA TPQDIGRRT TGFQYELVRR HRASDLHELSP APCRPCSDTE VLLAVCTSDF AVRGSIIQVQT HEPERQDSAI HLRVSRLYRQ KSRVFEPVPE GDGHWQGRVR TLLECGVRPG HGDFLFTGHM HFGEARLGCA PRFKDFQRMV RDAQERGLNP CEVGTD
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	METRNL
Alternative Name:	METRL (METRNL Products)

Target Details

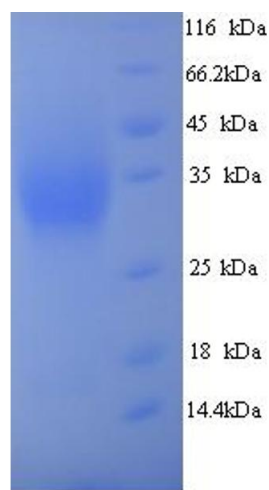
Background:	<p>Hormone induced following exercise or cold exposure that promotes energy expenditure. Induced either in the skeletal muscle after exercise or in adipose tissue following cold exposure and is present in the circulation. Able to stimulate energy expenditure associated with the browning of the white fat depots and improves glucose tolerance. Does not promote an increase in a thermogenic gene program via direct action on adipocytes, but acts by stimulating several immune cell subtypes to enter the adipose tissue and activate their prothermogenic actions. Stimulates an eosinophil-dependent increase in IL4 expression and promotes alternative activation of adipose tissue macrophages, which are required for the increased expression of the thermogenic and anti-inflammatory gene programs in fat. Required for some cold-induced thermogenic responses, suggesting a role in metabolic adaptations to cold temperatures .</p>
Molecular Weight:	31.96 kDa
UniProt:	Q641Q3

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.