9051 Mira Mesa Blvd, #910094
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METRNL Human

Meteorin-Like Protein Human Recombinant
RCP1359

Product Overview

Name	METRNL Human
Description	
Meteorin-Like Protein Human Recombinant	
Accession (Primary)	Q641Q3
Synonyms	
Meteorin-like protein, Subfatin, METRNL.	
Introduction	
METRNL or Meteorin-like protein is a hormone, released after physical activity (in skeletal muscle) or exposure to cold (in adipose tissue), that induces energy rate. METRNL stimulates energy rate correlate with white fat browning and raise glucose tolerance. The protein stimulates different types of immune cells to enter the fat tissue and start their prothermogenic actions.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
METRNL filtered (0.4 µm) and lyophilized from 0.5mg/ml in 50mM acetate buffer, 5% trehalose (w/v) and 1mM DTT, pH 4.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MKHHHHHHAS QYSSDRCSWK GSGLTHEAHR KEVEQVYLRC AAGAVEWMYP TGALIVNLRP NTFSPARHLT VCIRSFTDSS GANIYLEKTG ELRLLVPDGD GRPGRVQCFG LEQGGLFVEA TPQQDIGRRT TGFQYELVRR HRASDLHELS APCRPCSDTE VLLAVCTSDF AVRGSIQQVT HEPERQDSAI HLRVSRLYRQ KSRVFEPVPE	

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GDGHWQGRVR TLLECGVRPG HGDFLFTGHM HFGEARLGCA PRFKDFQRMY RDAQERGLNP CEVGTD.

Solubility

It is recommended to add 0.1M acetate buffer, pH 4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.

Precautions

METRNL Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q641Q3)