

# Human METRNL Recombinant Protein



RPPB3964

---

## Product Information    Protein Information

**Product SKU:**

RPPB3964

**Accession:**

Q641Q3

**Host:**

Escherichia Coli.

**Protein description:**

METRNL Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 46-311) containing 276 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 31.2kDa (calculated).

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Meteorin-like protein, Subfatin, METRNL.

**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.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**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.

**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.

**Amino Acid Sequence:**

MKHHHHHHAS QYSSDRCSWK GSGLTHEAHR KEVEQVYLR AAGAVEWMYP TGALIVNLRP NTFSPARHLT  
VCIRSFDTSS GANIYLEKTG ELRLVDPGD GRPGRVQCFG LEQGGLFVEA TPQQDIGRRT TGFQYELVRR  
HRASDLHEL APCRPCSDTE VLLAVCTSDF AVRGSIQQVT HEPERQDSAI HLRVSRLYRQ KSRVFEPVPE  
GDGHWQGRVR TLLECGVRPG HGDFLFTGHM HFGEARLGCA PRFKDFQRMV RDAQERGLNP CEVGTD.