Recombinant Full Length Human NMU Protein, GST-tagged

Cat. No. NMU-6604HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NMU full-length ORF (AAH12908, 36 a.a. - 174 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	36-174 amino acids
Description	This gene encodes a member of the neuromedin family of neuropeptides. The encoded protein is a precursor that is proteolytically processed to generate a biologically active neuropeptide that plays a role in pain, stress, immune-mediated inflammatory diseases and feeding regulation. Increased expression of this gene was observed in renal, pancreatic and lung cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. Some of these isoforms may undergo similar processing to generate the mature peptide. [provided by RefSeq, Jul 2015]
Molecular Mass	41.03 kDa
AA Sequence	CRGAPILPQGLQPEQQLQLWNEIDDTCSSFLSIDSQPQASNALEELCFMIMGMLPKP QEQDEKDNTKRFLFHYSKTQKLGKSNVVSSVVHPLLQLVPHLHERRMKRFRVDEEF QSPFASQSRGYFLFRPRNGRRSAGFI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NMU neuromedin U [Homo sapiens]
Official Symbol	NMU
Synonyms	NMU; neuromedin U; neuromedin-U;
Gene ID	10874
mRNA Refseq	NM_006681
Protein Refseq	NP_006672
MIM	605103
UniProt ID	P48645

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