

Recombinant Human NMU, His-tagged

Cat. No. NMU-34H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding human neuromedin-U (P48645) corresponding to amino acid (1-174) was expressed with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-174 a.a.
Form	PBS pH7.4
Molecular Mass	The mature form of human neuromedin-U consists of 140 amino acids and has a predicted molecular mass of 16kDa.
AA Sequence	MLRTESCRPRSPAGQVAAASPLLLLLLLWLCAGACRGAPILPQGLQPEQQLQLWN EIDDTCSSFLSIDSQPPQAS NALEELCFMIMGMLPKPQEQDEKDNTKRFLFHYSKTQK LGKSNVVSSVHPLLQLVPHLHERRMKRFRVDEEFQS PFASQSRGYFLFRPNRGR RSAGFI
Purity	>90% as determined by SDS-PAGE
Storage	Store it at +4°C for short term. For long term storage, store it at -20°C - -70°C. Avoid freeze-thaw cycles.

GENE INFORMATION

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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
Chromosome Location	4q12
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Function	neuromedin U receptor binding; receptor binding;

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