

Product datasheet for **AR09234PU-L**

Midkine (21-143, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Midkine (21-143, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MVAKKKDKVK KGGPGSECAE WAWGPCTPSS KDCGVGFREG TCGAQTQRIR CRVPCNWKKE FGADCKYKFE NWGACDGGTG TKVRQGTLLK ARYNAQCQET IRVTKPCTPK TKAKAKAKKG KGKD
Tag:	His-tag
Predicted MW:	15.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 2 mM DTT, and 20% Glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Midkine protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001012333</u>
Locus ID:	4192
UniProt ID:	<u>P21741</u>
Cytogenetics:	11p11.2
Synonyms:	MK, MDK, MK1, NEGF2, Neurite outgrowth-promoting protein



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Summary:

This gene encodes a member of a small family of secreted growth factors that binds heparin and responds to retinoic acid. The encoded protein promotes cell growth, migration, and angiogenesis, in particular during tumorigenesis. This gene has been targeted as a therapeutic for a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Product images: