

Product datasheet for PA511X

Midkine (His-tagged Fusion Protein) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Midkine (His-tagged Fusion Protein) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% pure by SDS-PAGE.
Buffer:	Presentation State: Purified State: Lyophilized (0.4 µm filtered) protein. Buffer System: 0.05M Phosphate buffer, 0.1M NaCl, pH 7.2
Reconstitution Method:	Add PBS pH 7.2 to prepare stock solution of ~0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Preparation:	Lyophilized (0.4 µm filtered) protein.
Applications:	ELISA. Western blotting.
Protein Description:	The Human Midkine is created as a recombinant protein with N-terminal fusion of HisTag. The Human Midkine His-Tagged Fusion Protein, produced in <i>E. coli</i> , is 14.6 kDa protein containing 121 amino acid residues of the human Midkine and 10 additional amino acid residues - HisTag (underlined). The amino acid sequence of the recombinant human Midkine is 100% homologous to the amino acid sequence of the human Midkine without signal sequence.
Note:	Purification: Three-step procedure using affinity Ni-NTA chromatography and size exclusion chromatography before and after refolding.
Storage:	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 2-8°C for a limited period of time. It does not show any change after two weeks at 2-8°C.
Stability:	Shelf life: One year from despatch.



[View online »](#)

RefSeq: [NP_001012333](#)

Locus ID: 4192

Cytogenetics: 11p11.2

Synonyms: ARAP; MK; NEGF2

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:

