

Bioactive

## MDK (Human) Recombinant Protein

Catalog # P6364

Size 100 ug

### Specification

Product Description	Human MDK (P21741) recombinant protein expressed in <i>E. Coli</i> .
Sequence	VAKKKDKVKKGGPGSECAEWAWGPCTPSSKDCGVGFREGTCGAQTQRIRCRVPCNWKKEFG ADCKYKFENWGACDGGTGTKVRQGTLLKARYNAQCQETIRVTKPCTPKTKAKAKAKKGKGD
Host	Escherichia coli
Theoretical MW (kDa)	14
Form	Lyophilized
Purity	> 95%
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Activity	Determined by the ability to chemoattract human neutrophils using a concentration range of 0.1-10 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C on dry atmosphere in lyophilized form. After reconstitution with distilled water to a concentration not less than 0.1 mg/mL, this product can be stored in working aliquots at 2-8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. This solution can then be diluted into other buffers. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot
- Functional Study

## Gene Info — MDK

Entrez GeneID	<a href="#">4192</a>
Protein Accession#	<a href="#">P21741</a>
Gene Name	MDK
Gene Alias	FLJ27379, MK, NEGF2
Gene Description	midkine (neurite growth-promoting factor 2)
Omim ID	<a href="#">162096</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	midkine

## Disease

- [Breast cancer](#)
- [Colorectal Neoplasms](#)