

# Recombinant Full Length Human MDK Protein, GST-tagged

**Cat. No.** MDK-6105HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MDK full-length ORF ( AAH11704, 1 a.a. - 143 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	143 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	41.47 kDa
<b>AA Sequence</b>	MQHRGFLLLLTLLALLALTSVAVAKKKDKVKKGGPGSECAEWAWGPCAPSSKDCGVG FREGTCGAQTQRIRCRVPCNWKKEFGADCKYKFENWGACDGGTGTKVRQGTLKK ARYNAQCQETIRVTKPCTPKTKAKAKAKKGGKGD
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

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

## GENE INFORMATION

<b>Gene Name</b>	MDK midkine (neurite growth-promoting factor 2) [ Homo sapiens ]
<b>Official Symbol</b>	MDK
<b>Synonyms</b>	MDK; midkine (neurite growth-promoting factor 2); NEGF2; midkine; FLJ27379; MK; ARAP; amphiregulin-associated protein; midgestation and kidney protein; neurite outgrowth-promoting protein; neurite outgrowth-promoting factor 2;
<b>Gene ID</b>	4192
<b>mRNA Refseq</b>	NM_001012333
<b>Protein Refseq</b>	NP_001012333
<b>MIM</b>	162096
<b>UniProt ID</b>	P21741

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