

PRODUCT INFORMATION

MDK Target

Midkine; MK; ARAP; Midgestation and kidney protein; Neurite outgrowth-promoting factor 2; Neurite outgrowth-promoting protein **Synonyms**

Recombinant human MDK protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P21741 **HEK293 Expression Host**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

MDK(Val21-Asp143) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

39.6 kDa after removal of the signal peptide. The apparent molecular mass of MDK-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

témperature.

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 **Background**

a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012]

Usage Research use only

Conjugate Unconjugated

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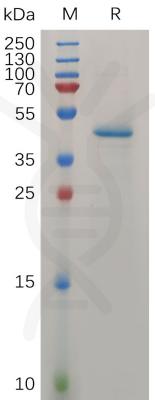


Figure 1. Human MDK Protein, hFc Tag on SDS-PAGE under reducing condition.

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