

PRODUCT INFORMATION

Target MDK

Synonyms Midkine

Recombinant Cynomolgus MDK protein with C-**Description**

terminal human Fc tag

Delivery In Stock

Uniprot ID A0A2K5UAU4

Expression Host HEK293

Tag C-Human Fc Tag

Molecular

MDK(Lys23-Asp143) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

39.4 kDa after removal of the signal peptide. The apparent molecular mass of cMDK-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 % Formulation & Reconstitution

- 8% trehalose is added as protectants before 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

Background

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]

Usage Research use only

Conjugate Unconjugated







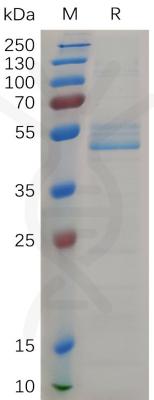
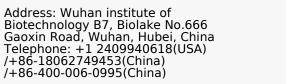


Figure 1. Cynomolgus MDK Protein, hFc Tag on SDS-PAGE under reducing condition.



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