

## EGFL6 Protein, Mouse (HEK293, Fc)

<b>Cat. No.:</b>	HY-P76315
<b>Synonyms:</b>	Epidermal growth factor-like protein 6; EGF-like protein 6; Protein W80; Maeg
<b>Species:</b>	Mouse
<b>Source:</b>	HEK293
<b>Accession:</b>	Q9JJZ5/NP_062270.1 (T287-G550)
<b>Gene ID:</b>	54156
<b>Molecular Weight:</b>	Approximately 56.8 kDa.

### PROPERTIES

<b>AA Sequence</b>	<p>           T M K K K V K L K M    V T P R P A S T R V    P K V N L P Y S S E    E G V S R G R N Y D            G E Q K K K E E G K    R E R L E E E K G E    K T L R N E V E Q E    R T L R G D V F S P            K V N E A E D L D L    V Y V Q R K E L N S    K L K H K D L N I S    V D C S F D L G V C            D W K Q D R E D D F    D W H P A D R D N D    V G Y Y M A V P A L    A G H K K N I G R L            K L L L P N L T P Q    S N F C L L F D Y R    L A G D K V G K L R    V F V K N S N N A L            A W E E T K N E D G    R W R T G K I Q L Y    Q G I D T T K S V I    F E A E R G K G K T            G E I A V D G V L L    V S G L C P D D F L    S V E G         </p>
<b>Appearance</b>	Lyophilized powder
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	<p>The EGFL6 protein emerges as a pivotal participant in hair follicle morphogenesis, potentially exerting its influence by binding to integrin alpha-8/beta-1. This interaction suggests a key role in the intricate processes governing cellular dynamics during hair follicle formation. Moreover, EGFL6 is implicated in promoting matrix assembly, underscoring its essential contribution to the structural organization crucial for the development and maintenance of hair follicles. The dual functionality of EGFL6, involving integrin binding and matrix assembly, highlights its multifaceted role in orchestrating</p>
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cellular events and structural processes integral to hair follicle morphogenesis. Further investigation is warranted to unravel the specific mechanisms through which EGFL6 modulates these processes, deepening our understanding of its significance in hair follicle development.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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