

Recombinant Mouse EGFL6 Protein, His-tagged

Cat. No. EGFL6-734M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EGFL6 Protein is produced by Baculovirus expression system. This protein is fused with a His tag.
Species	Mouse
Source	Insect Cells
ProteinLength	287-550 aa
Description	EGF-L6, also known as epidermal growth factor-like protein 6, is a member of the EGF repeat superfamily of proteins. This protein is expressed in fetal tissues during early development such as lung, heart, liver, spleen, cochlea, and placenta. This protein is expressed by epidermal stem cells in the hair follicle bulge and play a role in hair follicle morphogenesis through binding integrin alpha-8/beta-1. It is also produced by mature adipocytes and is thought to be involved in the process of adipose tissue expansion and the development of obesity. Recombinant mouse EGF-L6 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Molecular Mass	31.1 kDa
AA Sequence	ADLTMKKKVK LKMVTPRPAS TRVPKVNLPY SSEEGVSRGR NYDGEQKKKE EGKRERLEEE KGEKTLRNEV EQERTLRGDV FSPKVNEAED LDLVYVQRKE

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LNSKLNKDKL NISVDCSFDL GVCDWKQDRE DDFDWHPADR DNDVGYMAV
 PALAGHKKNI GRLKLLPNL TPQSNFCLLF DYRLAGDKVG KLRVFKNSN
 NALAWREETKN EDGRWRTGKI QLYQGIDTTK SVIFEAEERGK GKTGEIAVDG
 VLLVSGLCPD DFLSVEGHHH HHH

Endotoxin < 1.0 EU per 1 ug of protein (determined by LAL method)

Purity > 95 % by SDS - PAGE

Notes For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Absorbance at 280 nm)

GENE INFORMATION

Gene Name [Egfl6 EGF-like-domain, multiple 6 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Egfl6](#)

Synonyms Epidermal growth factor-like protein 6; EGF-L6; Egfl6; Maeg

Gene ID [54156](#)

mRNA Refseq [NM_019397](#)

Protein Refseq [NP_062270](#)

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UniProt ID

Q9JJZ5

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