

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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LNSKLKHKDL NISVDCSFDL GVCDWKQDRE DDFDWHPADR DNDVGYYMAV
 PALAGHKKNI GRLKLLLPNL 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 [<i>Mus musculus</i> (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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