

Product datasheet for **TP506053**

Efemp1 (BC031184) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse epidermal growth factor-containing fibulin-like extracellular matrix protein 1 (cDNA clone MGC:37612, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR206053 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MATSGVWPGGGFMASATAVAGPEVQTGRNNFVIRRNPADPQRIPSNPSHRIQCAAGYEQSEHNVCQDIDE
CTSGTHNCRTDQVCINLRGSFTQCCLPGYQKRGEQCVDIDECTVPPYCHQRCVNTPGSFYCQCSPGFQLA
ANNYTCVDINECDASNQCAQQCYNILGSFICQCNQGYELSSDRLNCEIDECRTSSYLCQYQCVNEPGKF
SCMCPQGYEVRRTCQDINECETTNECREDEM CWNYHGGFRCYPRNPCQDHVLTSENRCVCPVSNTMC
REL PQSIVYKYMSIRSDRSVPSDIFQIQATMIYANTINTFRIKSGNENGEFYLRQTSPVSAMLVLVKLSL
GPREYIVDLEMLTVSSIGTFR TSSVLRLTIIVGPF SF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	43.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	216616
UniProt ID:	Q8BPB5



[View online >](#)

RefSeq Size: 1677

Cytogenetics: 11 A3.3

RefSeq ORF: 1161

Synonyms: MGC37612

Summary: Binds EGFR, the EGF receptor, inducing EGFR autophosphorylation and the activation of downstream signaling pathways. May play a role in cell adhesion and migration. May function as a negative regulator of chondrocyte differentiation. In the olfactory epithelium, it may regulate glial cell migration, differentiation and the ability of glial cells to support neuronal neurite outgrowth (By similarity).[UniProtKB/Swiss-Prot Function]