

Active Recombinant Mouse Egfl6, His-tagged

Cat. No. Egfl6-45M Lot. No. (See product label)

SPECIFICATION

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|-----------------------------|---|
| Product Overview | Recombinant Mouse Egfl6(Thr287-Gly550 & Lys291-Gly550), both with a C-terminal 6-His tag, was expressed in Mouse NSO Cells. |
| Species | Mouse |
| Source | Mammalian Cells |
| ProteinLength | 287-550;291-550 a.a. |
| Predicted N Terminal | Thr287 & Lys291 |
| Form | Lyophilized from a 0.2 µm filtered solution in PBS. |
| Bio-activity | Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. rmEGF-L6 immobilized at 2 µg/mL, 100 µL/well, will mediate > 60% NIH/3T3 cell adhesion (100 µL/well at 5 x 10 ⁵ cells/mL). |
| Molecular Mass | Predicted Molecular Mass: 30 kDaSDS-PAGE: 37-40 kDa, reducing conditions |
| Purity | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| Storage | Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70 °C as supplied.1 month, 2 to 8 °C under sterile conditions after reconstitution.3 months, -20 to -70 °C under sterile conditions after reconstitution. |

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Reconstitution Reconstitute at 100 g/mL in sterile PBS.

GENE INFORMATION

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|----------------------------|---|
| Gene Name | Egfl6 EGF-like-domain, multiple 6 [Mus musculus (house mouse)] |
| Official Symbol | Egfl6 |
| Synonyms | Egfl6; EGF-like-domain, multiple 6; Maeg; epidermal growth factor-like protein 6; EGF-like protein 6; MAM and EGF domains-containing gene protein |
| Gene ID | 54156 |
| mRNA Refseq | NM_019397 |
| Protein Refseq | NP_062270 |
| UniProt ID | Q9JJZ5 |
| Chromosome Location | X F5; X 77.66 cM |
| Function | calcium ion binding |

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