

## Recombinant Mouse MydGF Protein

Cat. No. MydGF-01M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse MydGF Protein(Q9CPT4)(25-166 aa) was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-166 aa
<b>Form</b>	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.4.
<b>Molecular Mass</b>	Approximately 15.8 kDa, a single non-glycosylated polypeptide chain containing 143 amino acids.
<b>AASequence</b>	MVSEPTTVPF DVRPGGVVHS FSQDVGPGNK FTCTFTYASQ GGTNEQWQMS LGTSSEDSQHF TCTIWRPQGK SYLYFTQFKA ELRGAEIEYA MAYSKAAFER ESDVPLKSEE FEVTKTAVSH RPGAFKAELS KLVIVAKAAR SEL
<b>Endotoxin</b>	Less than 1 EU/g of rMuSF-20/MYDGF as determined by LAL method.
<b>Purity</b>	> 95% by SDS-PAGE and HPLC analyses.
<b>Storage</b>	Use a manual defrost freezer and 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**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at  $\leq -20$  °C. Further dilutions should be made in appropriate buffered solutions.

**SDS-PAGE**

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