

## Recombinant Human GDF-8

Cat. No.:MGC030 size : 10 $\mu$ g / 50 $\mu$ g / 1mg

### Characteristics:

<b>Source</b>	Chinese Hamster Ovary cell line
<b>Description</b>	Human GDF-8(Asp267-Ser375) Accession # 014793
<b>Predicted molecular mass</b>	12.4kDa

### Specification:

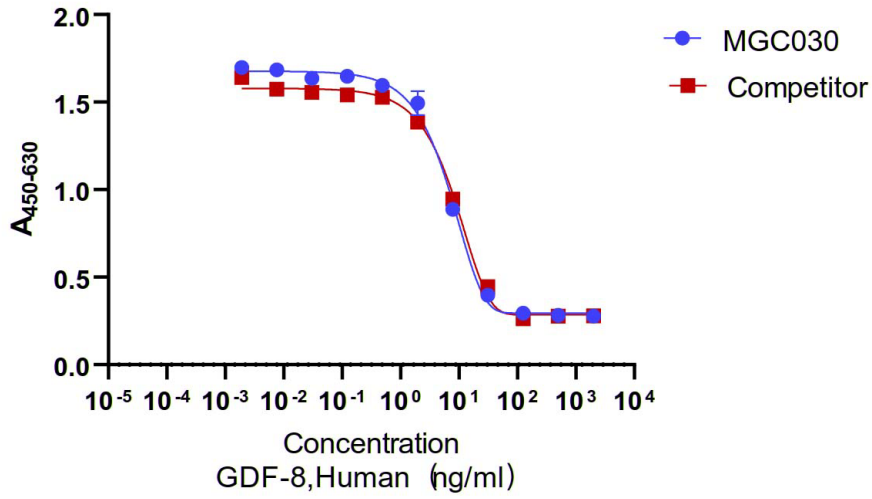
<b>Appearance</b>	White powder, Colorless clear liquid after reconstitution
<b>Purity</b>	$\geq 95\%$ , by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
<b>Endotoxin</b>	$\leq 0.01$ EU/ $\mu$ g by the LAL method
<b>Activity</b>	Measured in inhibition assay using MPC-11 cells. The ED <sub>50</sub> is $< 20$ ng/ml.
<b>Formulation</b>	Lyophilized from a 0.22 $\mu$ m-filtered solution containing 0.085% TFA, 30% CAN, 5% Mannitol, pH 2.5

### Handling and Storage:

<b>Reconstitution</b>	It is recommended to redissolve in sterile deionized water.
<b>Shipping</b>	Wet ice (seasonal)
<b>Storage &amp; Stability</b>	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b>

**Data:**

**Bioactivity**



Measured in a inhibition assay using MPC-11 cells.

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