

## Recombinant Human Wnt-3a (hFc Tag)

Cat. No.:MGC090 size : 10 $\mu$ g / 50 $\mu$ g / 1mg

### Characteristics:

<b>Source</b>	CHO
<b>Description</b>	Human Wnt-3a (Ser19-Lys352) with a C-terminal linker GGGGGS and Human IgG1 (Asp104-Lys330) Accession # NP_149122
<b>Predicted molecular mass</b>	58.2kDa

### Specification:

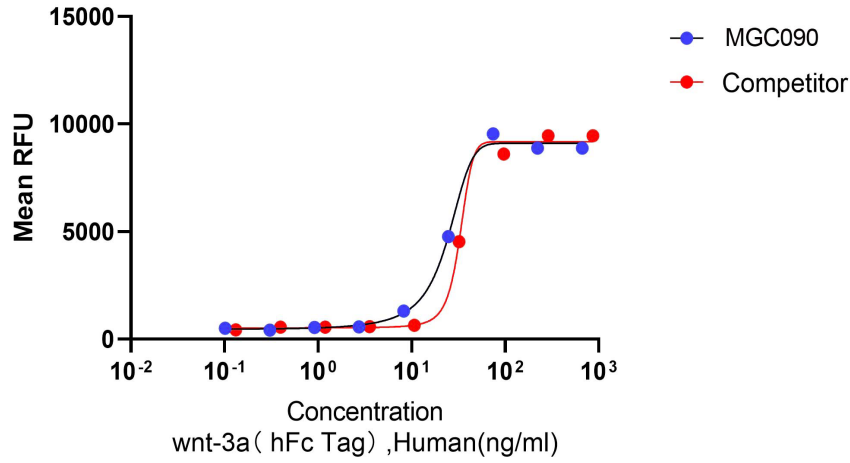
<b>Appearance</b>	White powder, Colorless clear liquid after reconstitution
<b>Purity</b>	$\geq 95\%$ , by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)
<b>Endotoxin</b>	$\leq 0.1$ EU/ $\mu$ g by the LAL method
<b>Activity</b>	Measured by its ability to induce Topflash reporter activity in CHO-K1 cells. The ED <sub>50</sub> for this effect is < 30ng/ml.
<b>Formulation</b>	Lyophilized from a 0.22 $\mu$ m-filtered solution containing PBS, pH7.4

### Handling and Storage:

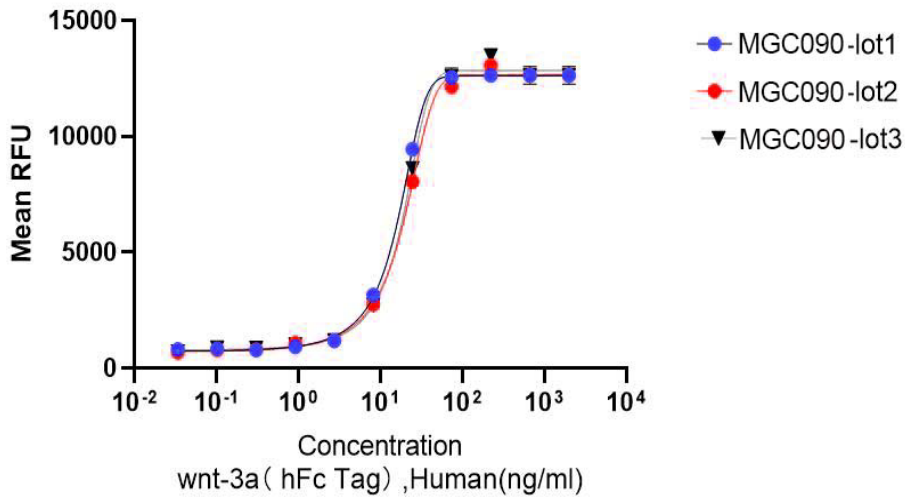
<b>Reconstitution</b>	It is recommended to redissolve in sterile deionized water.
<b>Shipping</b>	Wet ice (seasonal)
<b>Storage &amp; Stability</b>	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile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

**Data:**

**Bioactivity**



Measured by its ability to induce Topflash reporter activity in CHO cells in the presence of 5ng/ml BMP2. The ED<sub>50</sub> for this effect is < 30ng/ml. The activity of Recombinant Human Wnt-3a (hFc Tag) (Cat. No.MGC090) was higher than other competing products.



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