



Recombinant Murine Wnt Protein Control

Catalog Number:	rmWCtrl																												
Source:	Chinese Hamster Ovary (CHO) cell line-derived																												
Application:	For mouse Wnt proteins																												
Description	This mouse Wnt protein control was purified using a combination of ion exchange, affinity column with Wnt signaling inhibitor-bound sepharose beads, and followed by gel filtration. The conditional medium of cells without Wnt protein-expressing vectors was loaded onto columns. Proteins in the corresponding fractions of Wnt protein chromatography were collected, concentrated, and determined.																												
Concentration	10-100 µg/mL Please refer to the concentration on the label of each tube																												
Activity:	The impact of Wnt protein control has been measured using TCF-based Wnt reporter stable cell line (Catalog: WRNIH3T3A), Fig 1. Without Wnt3a; Fig. 2. With the presence of Wnt3a (1 ng/mL).																												
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Figure 1</p> <table border="1"> <caption>Data for Figure 1</caption> <thead> <tr> <th>Wnt Protein Control (ng/mL)</th> <th>Fold Change</th> </tr> </thead> <tbody> <tr><td>0</td><td>1.0</td></tr> <tr><td>5</td><td>1.1</td></tr> <tr><td>10</td><td>1.2</td></tr> <tr><td>25</td><td>1.4</td></tr> <tr><td>50</td><td>1.4</td></tr> <tr><td>100</td><td>1.7</td></tr> </tbody> </table> </div> <div style="text-align: center;"> <p>Figure 2</p> <table border="1"> <caption>Data for Figure 2</caption> <thead> <tr> <th>Wnt Protein Control (ng/mL)</th> <th>Percentage</th> </tr> </thead> <tbody> <tr><td>0</td><td>100</td></tr> <tr><td>5</td><td>110</td></tr> <tr><td>10</td><td>80</td></tr> <tr><td>25</td><td>85</td></tr> <tr><td>50</td><td>75</td></tr> <tr><td>100</td><td>65</td></tr> </tbody> </table> </div> </div>	Wnt Protein Control (ng/mL)	Fold Change	0	1.0	5	1.1	10	1.2	25	1.4	50	1.4	100	1.7	Wnt Protein Control (ng/mL)	Percentage	0	100	5	110	10	80	25	85	50	75	100	65
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Formulation	Phosphate buffer pH 7.4-7.6, 1% CHAPS, 0.1% BSA.																												
Handling and Storage	Keep the protein frozen until use. Refreeze aliquots at -20°C or below but avoid freeze-thaw circles. To treat cell lines, dilute the protein solution at least 200 times in medium; to treat stem cells, dilute the protein solution at least 500 times in medium.																												
Reference	N/A																												