Recombinant Mouse Noggin

Catalog Number: OM770085

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Mouse Noggin (Q28-C232) Accession # P97466
Predicted molecular mass	23.1kDa

Specification:

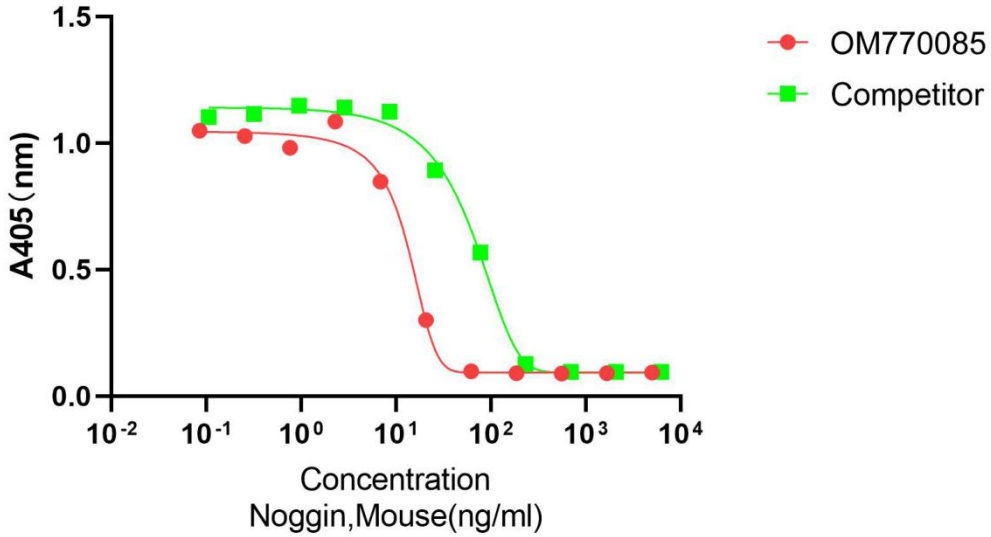
Appearance	White powder,Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions,visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured by its ability to inhibit 5.0ng/ml of BMP-4 induced alkaline phosphatase production by ATDC-5 chondrogenic cells. The ED_{50} is ≤0.1μg/ml.
Formulation	Lyophilized from a 0.2 μm filtered solution containing PBS,5% mannitol and 0.01% Tween 80, pH7.4
Size	50 μg/vial, 1 mg/vial

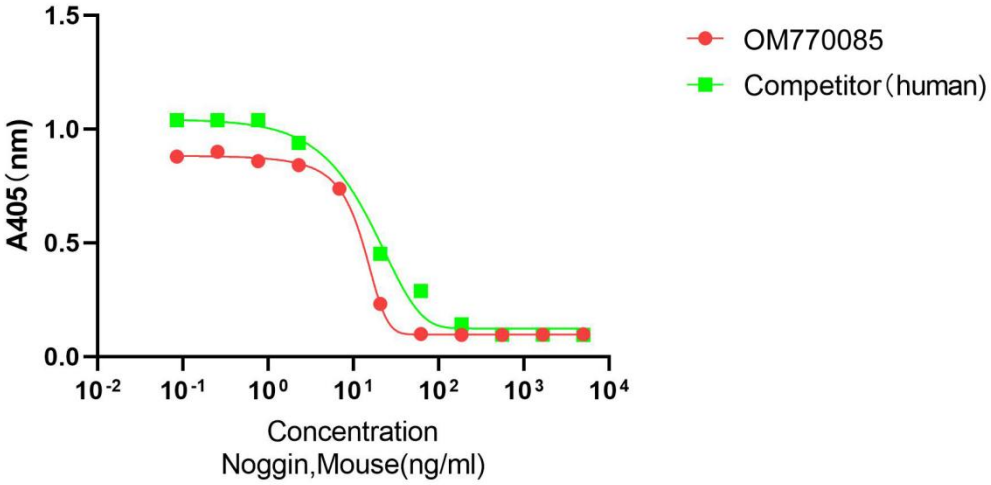
Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at 2°C to 8°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 **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**

Data:

Bioactivity





Measured by its ability to inhibit 5.0 ng/ml of BMP-4 induced alkaline phosphatase production by ATDC-5 chondrogenic cells.