

Product Datasheet

Recombinant Human GDF-11/BMP-11 Animal-Free Protein NBP2-76279-5ug

Unit Size: 5 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-76279-5ug

Recombinant Human GDF-11/BMP-11 Animal-Free Protein

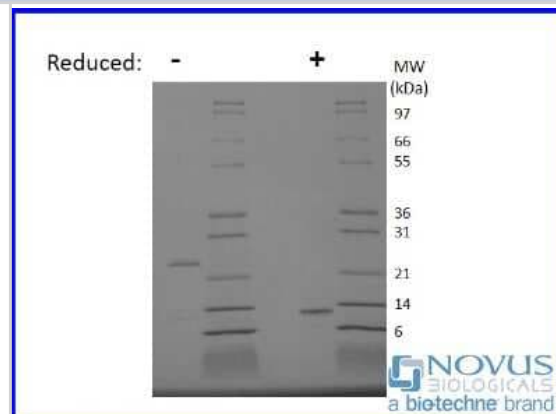
| Product Information | |
|-----------------------------|---|
| Unit Size | 5 ug |
| Concentration | Lyoph |
| Storage | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| Preservative | No Preservative |
| Reconstitution Instructions | Sterile 10 mM HCl at 0.1 mg/mL |
| Purity | >95%, by SDS-PAGE |
| Buffer | Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) |
| Target Molecular Weight | 24.9 kDa |

| Product Description | |
|--------------------------|--|
| Description | For prolonged storage, dilute to working aliquots. Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed. |
| Gene ID | 10220 |
| Gene Symbol | GDF11 |
| Species | Human |
| Specificity/Sensitivity | GDF-11/BMP-11 is a dimer, 12.5/24.9 kDa (109/218 aa) |
| Preparation Method | Protein is derived from genetically modified E. coli. |
| Details of Functionality | Alkaline phosphatase activity in ATDC5 cells, >1.0 x 10 ⁴ units/mg (ED50 acceptance criteria are <100 ng/mL). |
| Endotoxin Note | Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method). |

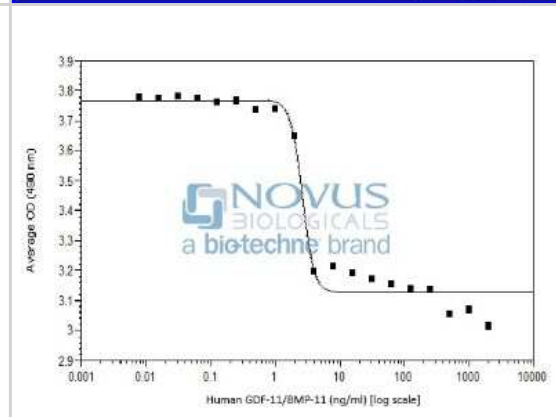
| Product Application Details | |
|-----------------------------|--|
| Applications | SDS-Page, Bioactivity |
| Recommended Dilutions | SDS-Page, Bioactivity |
| Application Notes | Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support. |

Images

SDS-Page: Recombinant Human GDF-11/BMP-11 Animal-Free Protein [NBP2-76279] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Human GDF-11/BMP-11 Animal-Free Protein [NBP2-76279] - GDF-11/BMP-11 alkaline phosphatase activity in ATDC-5 cells.





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