

Product Datasheet

Recombinant Human GDF-7/BMP-12 Protein NBP2-61324-1mg

Unit Size: 1mg

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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Updated 1/25/2025 v.20.1

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NBP2-61324-1mg**Recombinant Human GDF-7/BMP-12 Protein**

| Product Information | |
|------------------------------------|---|
| Unit Size | 1mg |
| 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 | Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL. |
| Purity | >95%, by SDS-PAGE and HPLC |
| Buffer | Lyophilized from a 0.2 um filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA. |
| Target Molecular Weight | 28 kDa |

| Product Description | |
|---------------------------------|--|
| Description | <p>A disulfide-linked homodimeric protein containing two 129 amino acid chains corresponding to GDF-7/BMP-12 Source: <i>E. coli</i></p> <p>Uniprot ID: Q7Z4P5</p> <p>Amino Acid Sequence: TALAGTRTAQ GSGGGAGRGH GRRGRSRC SR KPLHVD FKEL GWDDWIIAPL DYEAYHCEGL CDFPLRSHLE PTNHAIQTL LNSMAPDAAP ASCCVPARLS PISIL YIDAA NNVVYKQYED MVVEACGCR</p> |
| Gene ID | 151449 |
| Gene Symbol | GDF7 |
| Species | Human |
| Details of Functionality | Fully biologically active when compared to standard. The ED50 as determined by inducing alkaline phosphatase production of murine ATDC5 cells is less than 1.0 ug/ml, corresponding to a specific activity of > 1000 IU/mg. |
| Endotoxin Note | Less than 0.1 EU/ug of GDF-7/BMP-12 as determined by LAL method. |

| Product Application Details | |
|------------------------------------|-------------|
| Applications | Bioactivity |
| Recommended Dilutions | Bioactivity |





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Products Related to NBP2-61324-1mg

| | |
|----------------|--|
| NBP2-61338-1mg | Recombinant Mouse GDF-7/BMP-12 Protein |
| 314-BP-010 | BMP-4 [Unconjugated] |
| 8386-G7-050 | GDF-7/BMP-12 [Unconjugated] |
| 355-BM-010 | BMP-2 [Unconjugated] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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