

## Product Datasheet

### Thymosin 1 peptide (orb216833)

|                          |   |
|--------------------------|---|
| <b>Description</b>       | Thymosin 1 peptide  |
| <b>Form/Appearance</b>   | Lyophilized powder  |
| <b>Storage</b>           | Shipped at 4°C. Store at -20°C for one year.  |
| <b>Note</b>              | For research use only   |
| <b>Application notes</b> | Thymosin $\alpha_1$ , originally isolated from calf thymus, acts as an immunomodulator. Additionally, the peptide showed antiviral, angiogenic, and wound-healing activities. Thymosin $\alpha_1$ was shown to activate tumor-associated macrophages. |
| <b>Protein Sequence</b>  | Ac-Ser-Asp-Ala-Ala-Val-Asp-Thr-Ser-Ser-Glu-Ile-Thr-Thr-Lys-Asp-Leu-Lys-Glu-Lys-Lys-Glu-Val-Val-Glu-Glu-Ala-Glu-Asn  |
| <b>Formula</b>           | $C_{129}H_{215}N_{33}O_{55}$  |
| <b>Purity</b>            | > 95%   |
| <b>Source</b>            | Synthetic   |
| <b>MW</b>                | 3108.3  |
| <b>CAS Number</b>        | 62304-98-7  |
| <b>Expiration Date</b>   | 12 months from date of receipt.   |

