Recombinant Mouse Prolactin/Prl protein (His Tag)

Catalog Number: PDEM100229



| Description | |
|----------------|--|
| Species | Mouse |
| Mol_Mass | 23.8 kDa |
| Accession | P06879 |
| Bio-activity | Not validated for activity |
| Properties | |
| Purity | > 90% as determined by reducing SDS-PAGE. |
| Endotoxin | < 10 EU/mg of the protein as determined by the LAL method |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 |
| | °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of |
| | reconstituted samples are stable at $< -20^{\circ}$ C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a 0.2 μ m filtered solution in PBS with 5% Trehalose and 5% |
| | Mannitol. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of |
| | 0.5 mg/mL. Concentration is measured by UV-Vis. |
| Data | |
| KDa M | R |
| 80 60 | |
| | |
| 40 | |
| 30 | |
| 20 | |
| 12 | |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

> 90 % as determined by reducing SDS-PAGE.

Background

Prolactin acts primarily on the mammary gland by promoting lactation.

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