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| Product Information |
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| **Construct:** | PIM1, (GST-full length)  |  |
| **Concentration:** | 1.20 mg/ml |  |
| **Species:** | Human  |  |
| **Formulated In:** | 40 mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 20% glycerol, 3 mM DTT, 2 mM glutathione  |
| **Expression System:** | Sf9  |  |
| **Format:** | Aqueous buffer solution  |  |
| **Stability:** | At least 6 months at -80°C. Avoid freeze/thaw cycles. |  |
| **Storage:** | -80°C |  |
| **Genbank Accession:** | NM\_002648  |  |
| **MW:** | 62 kDa |  |
| **Purity:** | >90% |  |
| **Specific Activity:** | ≥150 pmol/min/µg |  |
| **Assay Conditions:** | 40 mM Tris-HCl pH 7.4, 20 mM MgCl2, 0.1 mg/mL BSA and 1 mM DTT using 0.2 mg/ml S6Ktide substrate and 20 μM ATP. Reaction was done at 30°C for 35 min. Amount of ATP transferred was calculated using Kinase-Glo reagent from Promega.  |
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| **Applications:** | Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling. |
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| Quality Control Data |
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| 4-20% SDS-Page Coomassie Staining | Specific Activity  |
|  **1 2** – 15 kDa – 20 kDa – 25 kDa – 37 kDa – 50 kDa – 75 kDa – 100 kDa – 150 kDa – 250 kDa – 10 kDa  | TitrationImage |
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