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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

PDE7B

human, recombinant, , N-terminal GST tag
Catalog #: 60071
Lot#: 100127 **Conc.:** 1.5 mg/ml

Formulated in: 45 mM Tris-HCl, pH 8.0,
 124 mM NaCl, 2.4 mM KCl, 18 mM
 glutathione, 3 mM DTT and 10% glycerol.

Stability: >6 months at -80°C

References:

1. Gardner, C., et al., *Biochem. Biophys. Res. Commun.* 272 (1), 186-192 (2000)
2. Sasaki, T., et al., *Biochem. Biophys. Res. Commun.* 271 (3), 575-583 (2000)

Description:

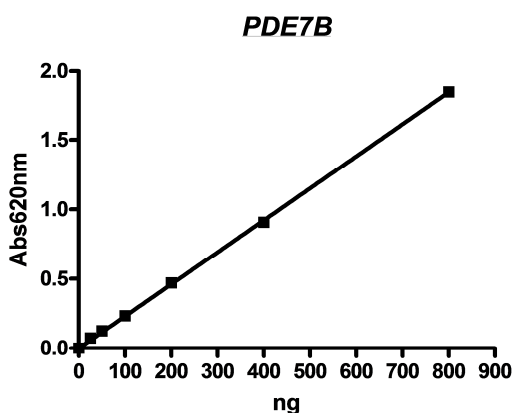
Human PDE7B GenBank Accession No. NM_018945), (a.a. 107-end) with N-terminal GST tag, MW=66 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Specific Activity: 226 pmol/min/μg. One unit is defined as the amount of enzyme that will convert 1 pmole of 3', 5'-cAMP to 5'-AMP per min at 37°C. Assay Conditions: 10 mM Tris-HCl, pH 7.4, 10 mM MgCl₂, 0.05% Tween-20, 200 μM cAMP, and PDE7B at 37°C for 20 min. Quantified by 5'-nucleotidase cleaving the 5'-AMP product and releasing the phosphate group which is detected by Malachite Green Reagent.

Application:

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

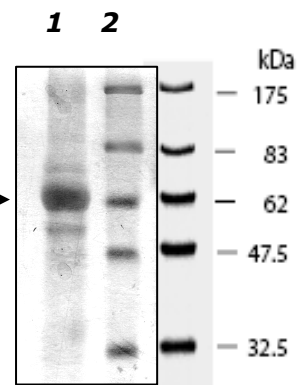
Quality Assurance



10% SDS-PAGE
Coomassie staining

Lane 1:
 4 μg PDE7B →
Lane 2:
 Protein Marker
 BioLabs (#P7708L)

MW: 66 kDa.
Purity: >40%



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