



# SZABO SCANDIC

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- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### **PDE11A**

Human, recombinant, N-terminal GST tag

**Catalog #:** 60110

Lot#: 70413

Conc.: 1.7 mg/ml

**Formulated in:** 25 mM Tris-HCl, pH 8.0,  
 100 mM NaCl, 0.05% Tween-20, 50% glycerol,  
 10 mM glutathione and 3 mM DTT.

**Stability:** >6 months at -80°C

**References:**

1. Loughney, K, *et al.*, *Int. J. Impot. Res.* 2005, **17(4):**320-5.
2. Weeks, JL, *et al.*, *Int. J. Impot. Res.* 2005, **17(1):**5-9.

**Description:** Human PDE11A (GenBank Accession No. BC112393), full length with N-terminal GST tag, MW= 131 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

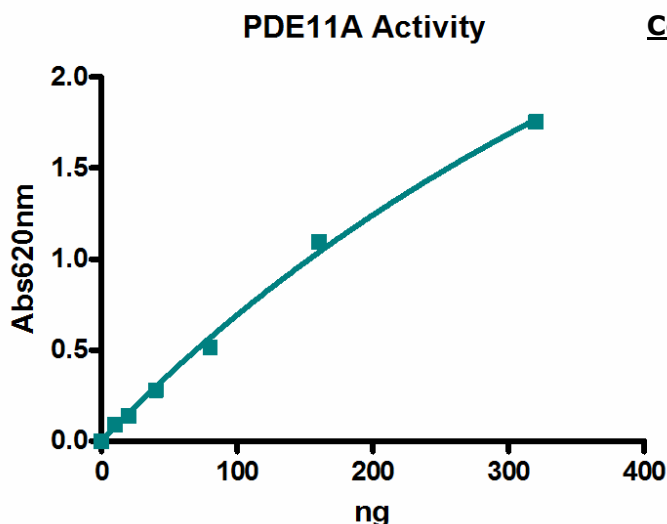
**Specific Activity:** 1560 pmol/min/μg.

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 condition: 10 mM Tris-HCl, pH 7.4, 10 mM MgCl<sub>2</sub>, 0.1 mg/ml BSA, 200 μM cAMP, and PDE11A 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.

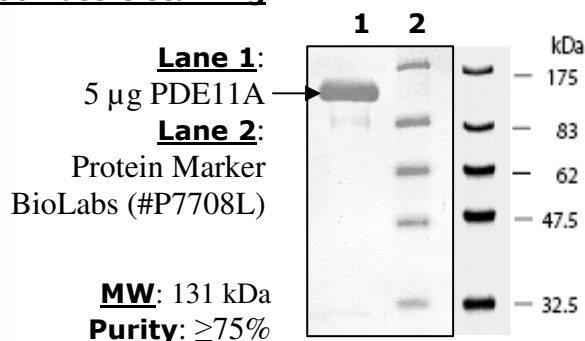
**Application:**

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

### **Quality Assurance**



**10% SDS-PAGE  
 Coomassie staining**



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