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Part of Europa Biosite

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### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### CDK6/Cyclin D3, His-tags

Human, recombinant, N-terminal His-tags

**Catalog #:** 40206

**Lot #:** 160408      **Conc.:** 0.43 mg/ml

**Formulated in:** 40 mM Tris-HCl, 110 mM NaCl, 2.2 mM KCl, 300 mM Imidazole, 3 mM DTT and 20% glycerol.

**Stability:** At least 6 months at -80°C. *Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended.*

**References:**

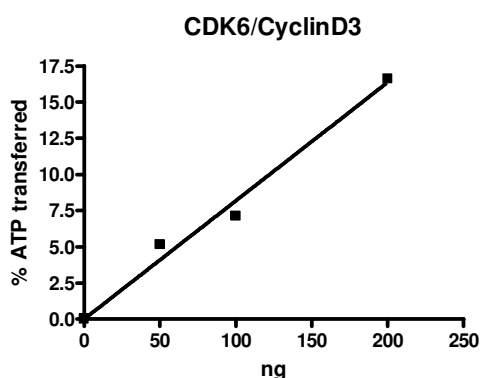
1. Gauduchon J. et al., Int J Cancer. 2008 May 1;122(9):2130-41.
2. Faast R. et al., Oncogene. 2004 Jan 15;23(2):491-502.

**Description:** Complex of N-terminal His-tagged recombinant full-length human CDK6 (GenBank Accession No. X66365), and N-terminal His tagged, recombinant full length, Cyclin D3. (GenBank Accession No. M90814). Coexpressed in a Baculovirus infected Sf9 cell expression system. CDK6 MW=38 kDa, Cyclin D3 MW=33 kDa.

**Specific Activity:** 12 pmol/min/ug  
 Assay Conditions: Assay was done in a Kinase buffer using Histone H1 (0.1 mg/ml) as a substrate with 20 µM ATP at 30°C for 60 min. The amount of ATP transferred was calculated using Kinase-Glo reagent (Promega).

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

## Quality Assurance



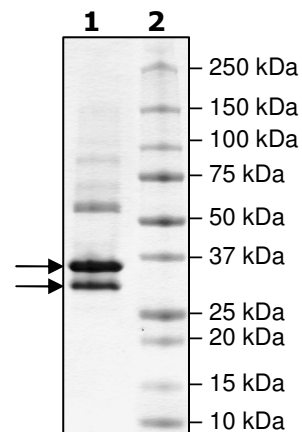
**4-20% SDS-PAGE  
 Coomassie staining**

**Lane 1:**  
 4 µg CDK6/CyclinD3

**Lane 2:**  
 Protein Marker

**MW:**  
 CDK6: 38 kDa  
 CyclinD3: 33 kDa

**Purity:** ≥ 80%



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