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### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### DRAK2

Human, Recombinant

**Catalog #:** 71225

**Lot #:** 160804A1

**Conc:** 0.5 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 20% glycerol, 1 mM DTT, 1 mM EDTA  
**Stability:** At least 6 months at  $-80^{\circ}\text{C}$ . Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended. If necessary, use carrier protein (BSA 0.1-0.5%).

**References:**

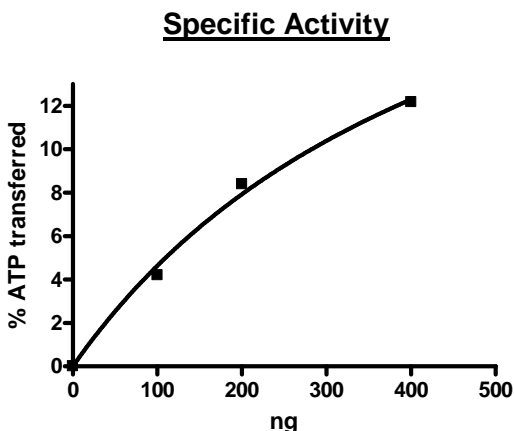
1. McGargill, M. *et al.*, *Immunity* **21** (6): 781-791 (2004).
2. Mao, J. *et al.*, *J. Biol. Chem.* **281**: 12587-12595 (2006).

**Description:** Human DRAK2, also known as DAP kinase-related apoptosis-inducing protein kinase 2 or death-associated protein kinase-related 2 (GenBank Accession No. NM\_004226.3), a.a. 2-372 (end), MW = 43 kDa, expressed in a baculovirus-infected Sf9 cell expression system.

**Assay Description:** Assay was done in Kinase buffer containing 1 mM DTT using MRCL3 peptide substrate (0.2 mg/ml) and 20  $\mu\text{M}$  ATP. Reaction was done at  $30^{\circ}\text{C}$  for 50 min. 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



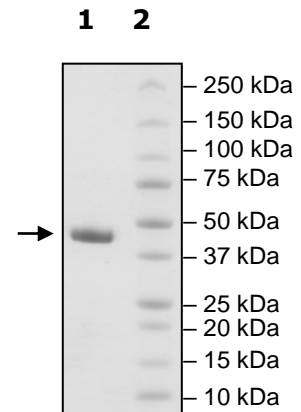
4-20% SDS-PAGE  
Coomassie staining

Lane 1:  
DRAK2

Lane 2:  
Protein Marker

Purity:  $\geq 90\%$

MW: 43 kDa



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