



# SZABO SCANDIC

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## Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### mEGFR, FLAG-tag

Mouse, recombinant, C-terminal FLAG-tag  
**Catalog #:** 40195  
**Lot #:** 150313-G2                      **Conc.:** 0.13 mg/ml

**Formulated in:** 40 mM Tris pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 3 mM DTT and 20% glycerol

**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:**

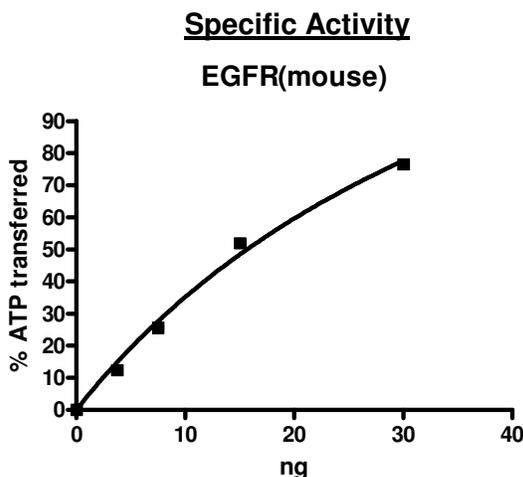
1. Mackenzie, J. *et al.*, Mol Immunol. 2011; **48(12-13)**: 1578-85.
2. Sadri, K. *et al.*, Nucl Med Commun. 2011; **32(7)**: 563-9.

**Description:** Mouse EGFR (GenBank Accession No. NM\_207655/NP\_997538), (a.a. 670-1210) with C-terminal FLAG-tag, MW = 62 kDa, expressed in SF9 cells via a baculovirus expression system.

**Specific Activity:** 51 pmol/min/ $\mu\text{g}$   
 Assay conditions: Assay was done in a Kinase buffer containing 0.2 mM DTT using Poly-(Glu4:Tyr)-biotin substrate (0.2 mg/ml) and 20  $\mu\text{M}$  ATP. The reaction to place at  $30^{\circ}\text{C}$  for 40 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.

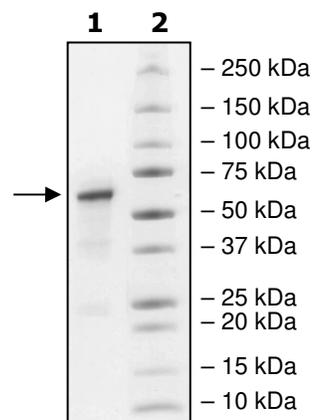
## Quality Assurance



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

**Lane 1:**  
2  $\mu\text{g}$  mEGFR  
**Lane 2:**  
Protein Marker

**MW:** 62.1 kDa  
**Purity:**  $\geq 90\%$



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