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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°C. *Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

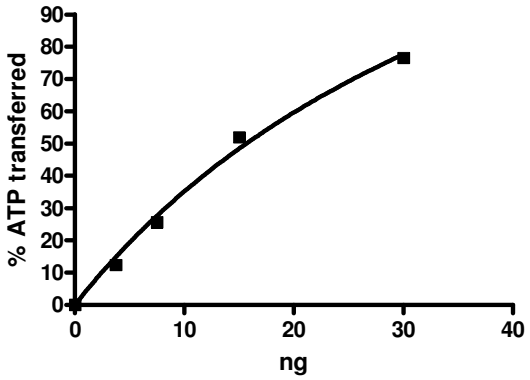
References:

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/µg
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 µM ATP. The reaction to place at 30°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

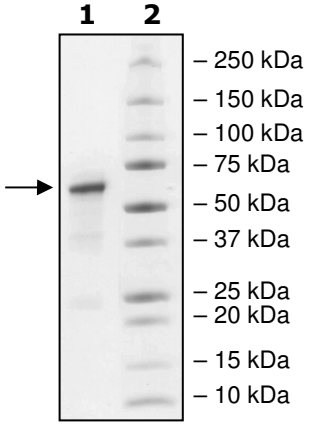
Specific Activity



4-20% SDS-PAGE
Coomassie staining

Lane 1:
2 µg mEGFR
Lane 2:
Protein Marker

MW: 62.1 kDa
Purity: ≥90%



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