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Zuschläge

- Mindermengenzuschlag
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- Expressversand

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Data Sheet

VEGFR2/KDR, GST-tag

Human, recombinant, N-terminal GST tag

Catalog #: 40301

Lot #: 141010 **Conc.:** 0.25 mg/ml

Formulated in: 40 mM Tris pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.02% Tween-10, 20% glycerol, and 3 mM DTT.

Stability: At least 6 months at -80°C . Avoid freeze/thaw cycles. Storing diluted protein is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

References:

1. Meyer, M. *et al.*, *EMBO J.* 18, **363-374** (1999).
2. Rahimi, N. *et al.*, *J. Biol Chem* 275, **16986-16992** (2000).

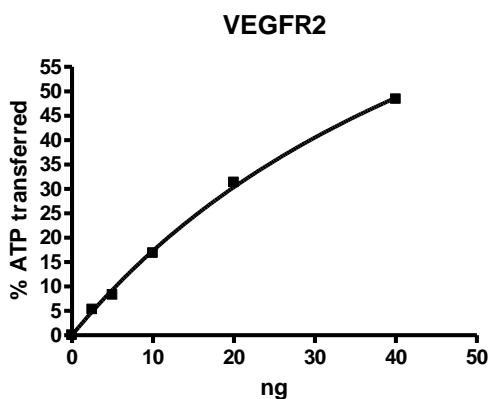
Description: Human VEGFR2 GenBank Accession No. AF035121), (a.a. 805-1356) with N-terminal GST tag, MW=87 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Specific Activity: ≥ 400 pmol/min/ μg . Assay was done in Kinase buffer containing 0.2 mM DTT using Poly-(Glu4:Tyr)-biotin substrate (0.2 mg/ml) and 20 μM ATP. Reaction was done at 30°C for 40 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

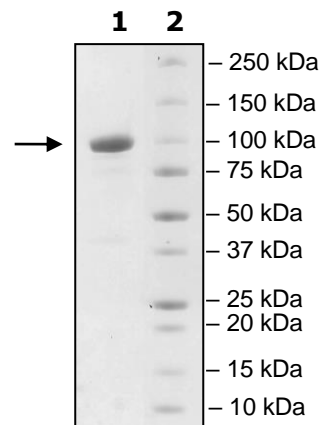
Specific Activity



4-20% SDS-PAGE
Coomassie staining

Lane 1:
2 μg VEGFR2
Lane 2:
Protein Marker

MW: 87.5 kDa
Purity: $\geq 80\%$



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