

Data Sheet

VEGFR2/KDR

Human, recombinant, N-terminal GST tag
Catalog #: w50312
Lot#: 120201-G1 **Conc.:** 0.15 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
110 mM NaCl, 2.2 mM KCl, 20% Glycerol,
and 3 mM DTT.

Stability: >6 months at -80°C

References:

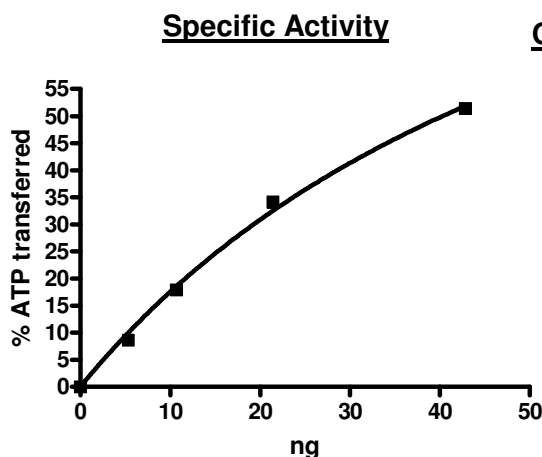
1. Meyer, M. *et al.*, *EMBO J.* 18, 363-374 (1999).
2. Rahimi, N. *et al.*, *J. Biol Chem* 275, 16986-16992 (2000).

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: 500 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 30 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.

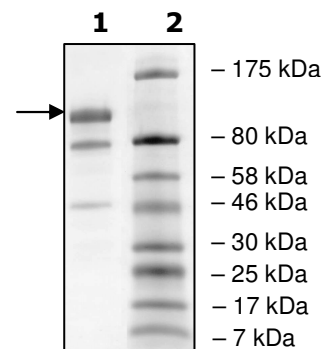
Quality Assurance



**10% SDS-PAGE
Coomassie staining**

Lane 1:
1.5 μg VEGFR2
Lane 2:
Protein Marker
BioLabs (#P7708L)

MW: 87 kDa
Purity: ≥62%



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