

## Data Sheet

### VEGFR2/KDR

Human, recombinant, N-terminal GST tag  
**Catalog #:** w50312  
**Lot#:** 110322G1      **Conc.:** 0.04 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0,  
110 mM NaCl, 2.2 mM KCl, 0.04% Tween,  
20% Glycerol, 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).

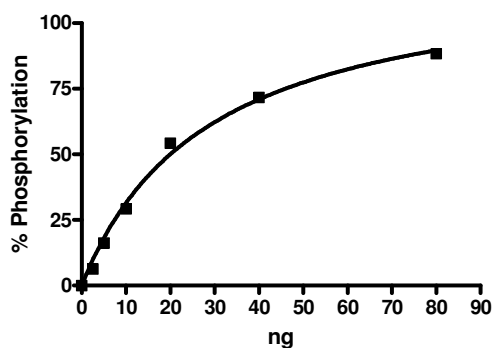
**Description:** Human VEGFR2 GenBank Accession No. AF035121), (a.a. 805-1356) with N-terminal GST tag, MW=87 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

**Specific Activity:** 143 pmol/min/μg.  
Use Z-Lyte conditions with Tyr1 peptide and reagent B (1:256 dilution). Reaction was done for 60 min at 30°C, and incubated with reagent B for 60 min at RT.

**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

## Quality Assurance

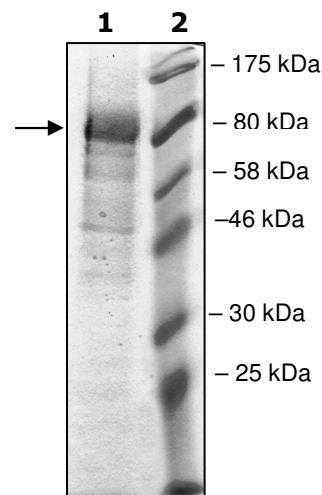
### Specific Activity



### 10% SDS-PAGE Coomassie staining

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

**MW:** 87 kDa.  
**Purity:** ≥66.2%



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