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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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Data Sheet

VEGFR3, GST-Tag

Human, Recombinant, N-terminal GST-tag
Catalog #: 40302
Lot#: 180103-G1 **Conc.:** 0.38 mg/ml

Formulated in: 40 mM Tris-HCl 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.

References:

1. Goodyear S.M. *et al.*, *Prostate* 69 (9), 982-990 (2009).
2. Ghalamkarpour A. *et al.*, *J. Med. Genet.* 46 (6), 399-404 (2009).

Description: Human VEGFR3 also known as Flt-4, Fms-Related Tyrosine Kinase 4, FLT4, and Vascular Endothelial Growth Factor Receptor 3, GenBank Accession No. NM_182925, a.a. 798-1298 with N-terminal GST-tag, expressed in baculovirus expression system. MW= 82 kDa.

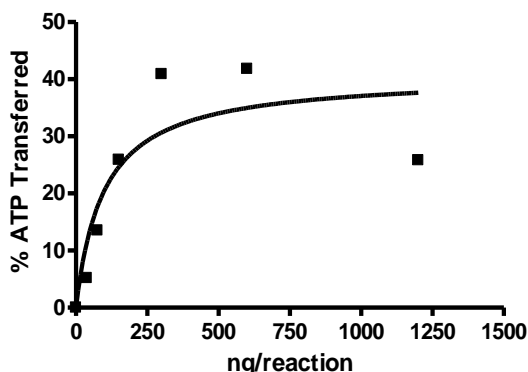
Specific Activity: 20 pmol/min/ μg .

Assay Conditions: 40 mM Tris-HCl pH 7.4, 20 mM MgCl₂, 0.1 mg/mL BSA and 0.2 mM DTT using 0.2 mg/ml Poly(Glu:Tyr) substrate and 20 μM ATP. Reaction was done at 30°C for 45 min. Amount of ATP transferred was calculated using Kinase-Glo reagent from Promega.

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

Quality Assurance

Specific Activity



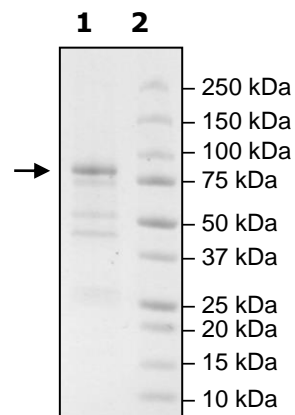
4-20% SDS-PAGE Coomassie staining

Lane 1:
VEGFR3

Lane 2:
Protein Marker

Purity: $\geq 60\%$

MW: 82 kDa



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