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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

HER4, GST-Tag

Human, recombinant, N-terminal GST-tag
Catalog #: 40232
Lot#: 140513 **Conc.:** 0.69 mg/ml

Formulated in: 25 mM Tris-HCl, pH 8.0,
 100 mM NaCl, 0.05% Tween-20, 50%
 glycerol.

Stability: At least 6 months at -80°C.
 Avoid freeze/thaw cycles.

References:

1. Strunk, K.E. et al., Cancer Res. 67 (14), 6582-6590(2007).
2. Law, A.J. et al., Hum. Mol. Genet. 16 (2), 129-141 (2007).

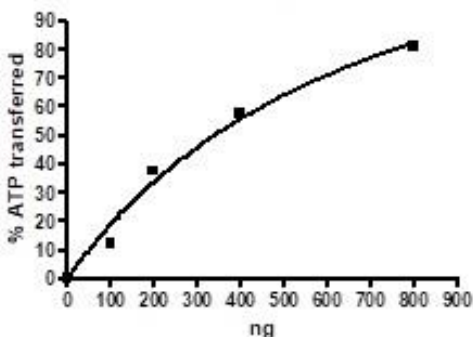
Description: Human HER4 kinase, also known as Erb-B4, Proto-Oncogene-Like Protein C-ErbB-4, and Tyrosine Kinase-Type Cell Surface Receptor HER4, GenBank Accession No. NM_005235, a.a. 708-993, with an N-terminal GST-tag, expressed in a Baculovirus infected Sf9 cell expression system. MW=59.5 kDa.

Specific Activity: 48 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-(Glu4:Tyr)-biotin substrate and 20 mM ATP. Reaction was done at 30°C for 40 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

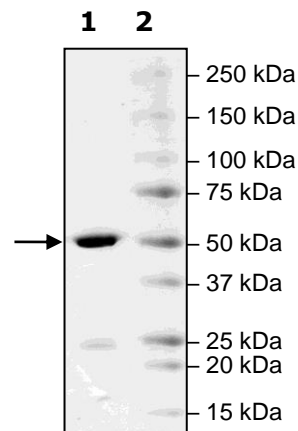
Specific Activity:



4-20% SDS-PAGE
Coomassie staining

Lane 1:
 2 μg Her4
Lane 2:
 Protein Marker

MW: 59.5 kDa
Purity: ≥90%



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