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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

EGFR T790M, His-tag, GST-tag

Human, recombinant, C-terminal His-tag
 N-terminal GST-tag
Catalog #: 40188
Lot #: 130124-G1 **Conc.:** 0.1 mg/ml

Formulated in: 40 mM Tris, 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. Adachi, S. *et al.*, *Cancer Res.* **67 (13)**, 6493-6501 (2007)
2. Rosano, L. *et al.*, *Cancer Res.* **67 (13)**, 6351-6359 (2007)

Application Reference(s):

1. Figueroa, M., Oberlies, N.H., *et al.*, *The Journal of Antibiotics.* **65**, 559-564 (2012).

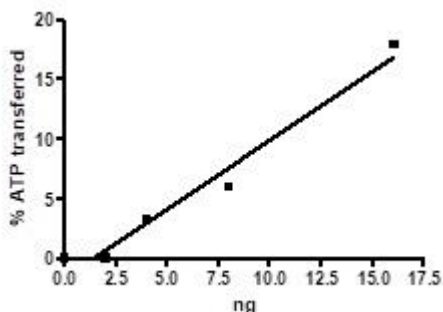
Description: Human EGFR with T790M mutation also known as, Epidermal Growth Factor Receptor, ERBB, ErbB-1, HER1, and MENA, GenBank Accession No. NM_005228, a.a. 668-1210 with C-terminal His-tag and N-terminal GST-tag, expressed in Sf9 cells via a baculovirus expression system. MW = 88 kDa.

Specific Activity: 113 pmol/min/ μg . Assay condition: 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 35 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

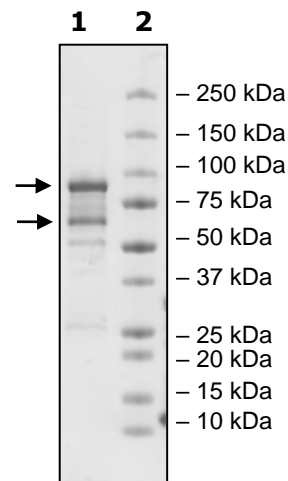
Specific Activity



4-20% SDS-PAGE
Coomassie staining

Lane 1:
2 μg EGFR T790M
Lane 2:
Protein Marker

Purity: $\geq 72\%$
MW: 88 kDa



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