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Zuschläge

- Mindermengenzuschlag
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- Expressversand

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Data Sheet

EGFR T790M L858R, His-tag, GST-tag

Human, Recombinant, C-terminal His-tag,
 N-terminal GST tag

Catalog #: 40350

Lot #: 171010-1 **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. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

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).

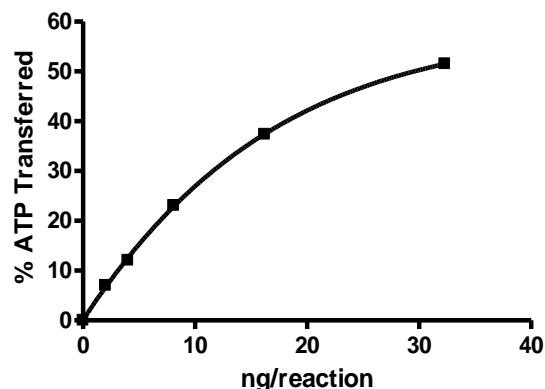
Description: Human EGFR T790M L858R (GenBank Accession No. NM_005228), (a.a. 668-1210) with C-terminal His-tag and N-terminal GST tag, MW= 88 kDa, expressed in baculovirus expression system.

Specific Activity: ≥ 623 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 mM ATP. Reaction was done at 30°C for 40 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

Specific Activity
 EGFR (T790M, L858R) Lot 171010-1 Activity



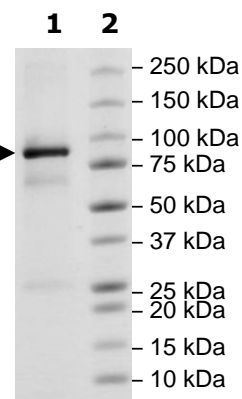
4-20% SDS-PAGE
Coomassie staining

Lane 1:
 EGFR(T790/L858R) →

Lane 2:
 Protein Marker

MW: 88 kDa

Purity: $\geq 85\%$



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