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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

c-Mer, GST-tag

Human, recombinant, N-terminal GST-tag
Catalog #: 40254
Lot #: 150929-G **Conc.:** 0.09 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
110 mM NaCl, 2.2 mM KCl, 0.04%
Tween20, 20% glycerol, and 1.6 mM
glutathione

Stability: At least 6 months at -80°C . Avoid
freeze/thaw cycles. Storing diluted protein is
not recommended, if necessary, use carrier
protein (BSA 0.1 – 0.5%).

References:

1. Van Hoof, C. *et al.*, *Genomics*. 1995; **28**:
261-272.
2. Chao, Y. *et al.*, *Molec. Cell*. 2006; **23**:
535-546.

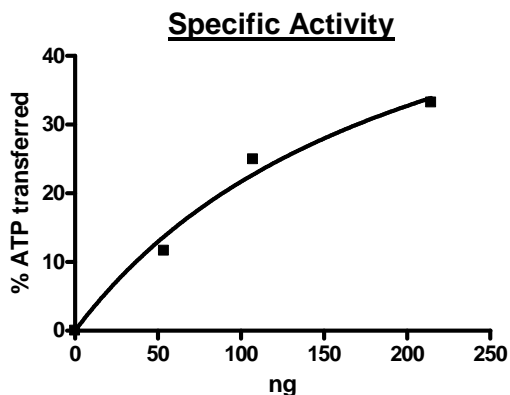
Description: Human c-Mer, also known as
tyrosine-protein kinase Mer, MERTK, and
receptor tyrosine kinase MerTK GenBank
Accession NM_006343, a.a. 578-872 with N-
terminal GST-tag. Expressed in a
baculovirus-infected Sf9 cell expression
system. MW = 60 kDa.

Specific Activity: ≥ 50 pmol/min/ μg

Assay Conditions: Assay was done in kinase
buffer containing 1 mM DTT using Poly-
(Glu4:Tyr) substrate (0.2 mg/ml) and 20 μM
ATP. Reaction was done at 30°C for 45 min.
Amount of ATP transferred was calculated
using Kinase-Glo reagent (Promega).

Application: Useful for the study of enzyme
kinetics and for inhibitor screening.

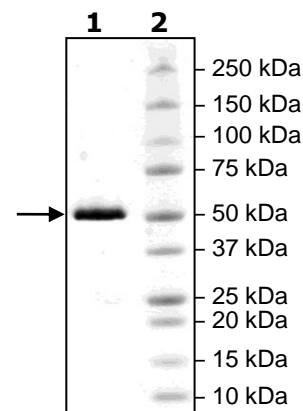
Quality Assurance



4-20% SDS-PAGE Coomassie staining

Lane 1:
2 μg c-Mer
Lane 2:
Protein Marker

MW: 60 kDa
Purity: $\geq 90\%$



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