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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Cot (MAP3K8)

Human, recombinant, N-terminal GST-tag

Catalog #: 40050

Lot#: 130311G **Conc.:** 0.25 mg/ml

Formulated in: 25 mM Tris-HCl, pH 8.0,
100 mM NaCl, 50% glycerol, and 3 mM DTT.

Stability: >6 months at -80 °C

References:

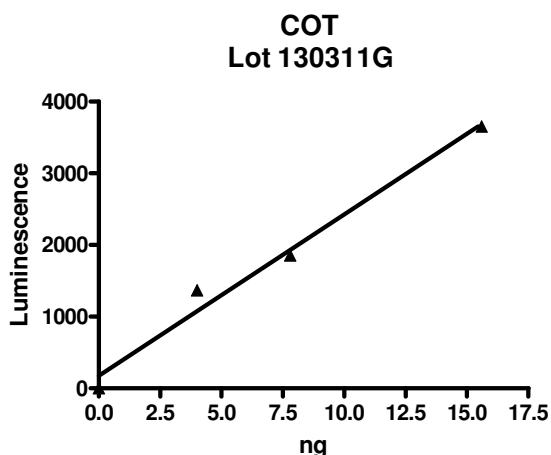
1. Stafford, M.J. *et al.*, *FEBS Lett.* **580**, 4010-4014 (2006)
2. Babu, G. *et al.*, *J. Biol. Chem.* **281**, 14041-14047 (2006)

Description: Human Cot (GenBank Accession No. NM_005204), (a.a. 30-397), with N-terminal GST-HIS₆-tag, expressed in a Baculovirus infected Sf9 cell expression system. The theoretical MW is 72kDa.

Specific Activity: 47 pmol/min/μg
Assay conditions: 100 μl of 240 nM biotinylated MEK1 peptide was coated onto a neutravidin plate for 1 h at 37 °C. After overnight blocking with TBS superblock, the reaction was done with 10 μM ATP for 60 min at RT, and phospho-MEK1 was detected using an anti-phospho-MEK1 antibody. Specific activity was determined relatively by comparing with a standard kinase under the same condition.

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

Quality Assurance



4-20% SDS-PAGE Coomassie staining

Lane 1:

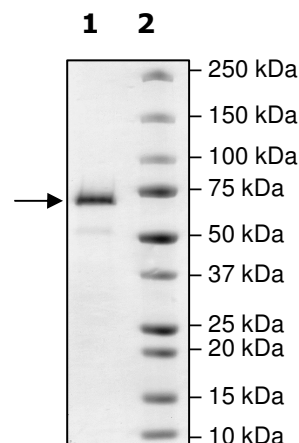
2 μg Cot

Lane 2:

Protein Marker

MW: 72 kDa

Purity: ≥95%



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