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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

ACC2, His-tag

Human, Recombinant, C-terminal His-tag

Catalog #: 50201

Lot#: 180125 **Conc.:** 0.06 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
 110 mM NaCl, 2.2 mM KCl, 0.04%
 Tween20, 20% glycerol, 360mM Imidazole

Stability: At least 12 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. Locke G.A. *et al.*, *Arch. Biochem. Biophys.* **475** (1), 72-79 (2008).
2. Abu-Elheiga L. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.* **97** (4), 1444-1449 (2000).

Description:

Human ACC2 (GenBank Accession No. NM_001093), full length, with C-terminal His-tag, MW=277 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Assay Conditions:

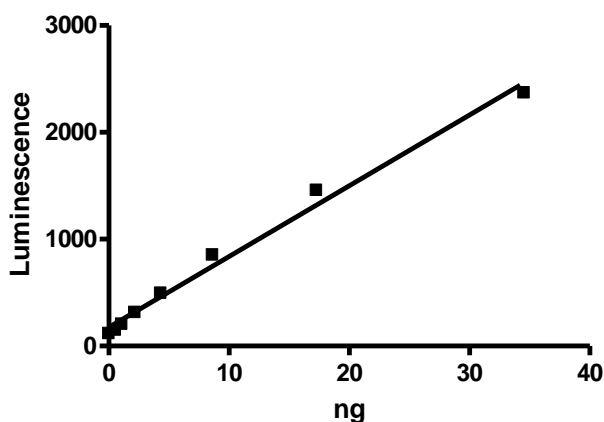
25 μl ACC2 reaction is conducted in a buffer containing 30 mM HEPES (pH 7.4), 2 mM MgCl_2 , 2 mM potassium citrate, 1 mM DTT, 100 μM ATP, 12 mM NaHCO_3 and 20 μM acetyl-CoA at 30°C for 45 min. ATP reduction is detected using ADP-Glo[®] Luminescent Assay Platform (Promega).

Application:

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

Quality Assurance

Specific Activity



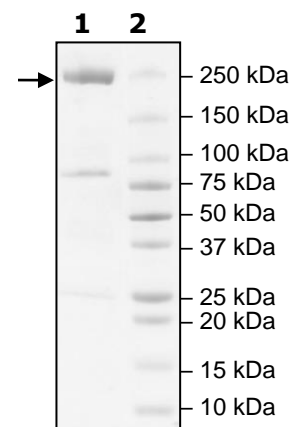
4-20% SDS-PAGE
Coomassie staining

Lane 1:
ACC1

Lane 2:
 Protein Marker

Purity: $\geq 80\%$

MW: 277 kDa



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