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Data Sheet

Mdm2 (Hdm2)

Human, recombinant, N-terminal GST-tag

Catalog #: 80751

Lot #: 120713-C **Conc.:** 0.16 mg/ml

Formulated in: 50 mM Tris-HCl, pH 7.5,
300 mM NaCl, 10% glycerol, 1 mM EDTA
and 3 mM DTT.

Stability: >6 months at -80°C

References:

1. Fang, S., *et al.* (2000). *J. Biol. Chem.* **275**, 8945-8951.
2. Chen, J *et al.* (1995). *Mol. Med.* **1**, 142-152.

Description:

Mdm2 (mouse double minute 2 human homolog, also known as Hdm2), GenBank Accession No. NM_002392, a.a. 2-498 (end) with N-terminal GST-tag, MW = 82 kDa, expressed in a baculovirus expression system.

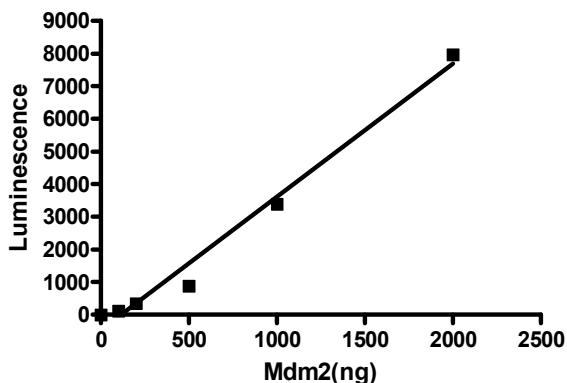
Assay Conditions: 50 µl of reaction mix (4 mM ATP, 5 mM MgCl₂, 1 mM DTT, E1 (0.5 µg), E2 (2.8 µg), Biotin-Ubiquitin (0.5 µg) and Mdm2 (0-0.5µg) in 50 mM Tris pH 7.4) was incubated for 30 min at 37°C. The reaction mixture was transferred to a streptavidin-coated plate and incubated for additional 30 min at 37°C. Anti-Mdm2 and HRP-labeled secondary antibody were incubated with the reaction mixture for 1 hour each, followed by chemiluminescent detection.

Application:

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

Quality Assurance

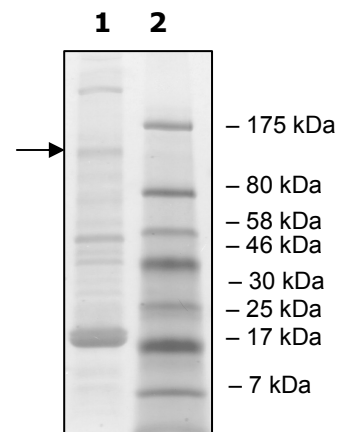
Specific Activity



4-20 % SDS-PAGE Coomassie staining

Lane 1:
1 µg Mdm2
Lane 2:
Protein Marker
BioLabs (#P7708L)

MW: 82 kDa
Purity: ≥10%



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