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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

JMJD2C, GST-Tag

Human, Recombinant, N-terminal GST tag
Catalog #: 50105
Lot #: 180104-G2 **Conc.:** 1.03 mg/ml

Formulated in: 40mM Tris-HCl, pH 8.0, 110mM NaCl, 2.2mM KCl and 20% glycerol.

Stability: At least 6 months at -80°C . Avoid freeze/thaw cycles. Protein may be diluted to $\geq 100 \mu\text{g/ml}$ in PBS + glycerol and stored at -80°C .

References:

1. Vinatzer U. et al., Clin Cancer Res. 2008 Oct 15; **14(20)**:6426-31.
2. Pollard P.J. et al., Biochem J. 2008 Dec 15; **416(3)**:387-94.

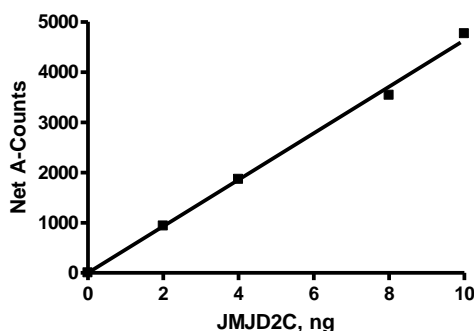
Description: Human JMJD2C (GenBank Accession No. BC143571) (amino-acids 2-372) with N-terminal GST tag, MW=70 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Specific Activity: 0.26 pmol/min/ μg
Assay Conditions: 10 μl reaction mix containing assay buffer with 20 mM HEPES (pH 7.4), 50 mM NaCl, 1mM TCEP, 500 μM α -ketoglutarate, 25 μM iron, 2mM ascorbic acid, 0.01% Tween-20, 0.5 μM biotinylated peptide substrate, and JMJD2C (2 – 10ng) added to the wells. Add antibody against dimethylated K9 peptide. Incubate for 30 min, then Streptavidin-conjugated secondary antibody followed by Alpha Screening 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:
3 μg JMJD2C
Lane 2:
Protein Marker

MW: 70kDa
Purity: $\geq 90\%$

