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Data Sheet

HDAC10, FLAG-tag

Human, recombinant, N-terminal FLAG Tag
Catalog #: 50060
Lot #: 140114-E3 **Conc.:** 0.16 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.09% Nonidet-P 40, and 20% glycerol

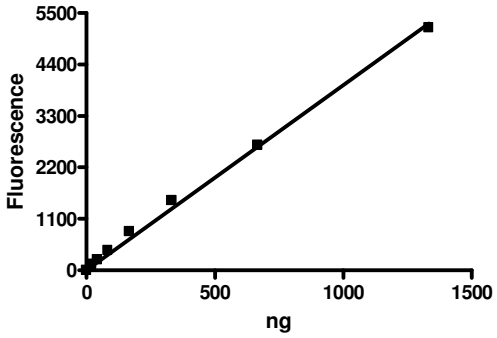
Stability: At least 6 months at –80˚C. *Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

References:
1. Chakraborty S. (2006) J.Biol.Chem. 281(46):35070-80.
2. Wolfgang, F. (2001) J. Biol. Chem. 276(38): 35826-35835.

Description: Human HDAC10 (a.a. 2-631) (GenBank Accession No. NM_032019) with N-terminal FLAG tag, MW= 71.4 kDa, expressed in baculovirus expression system.
Specific Activity: 3.6 pmol/min/µg. Assay conditions: 25 mM Tris/Cl, pH8.0, 137 mM NaCl, 2.7 mM KCl, 1 mM MgCl2, and 0.1 mg/ml BSA, 20 µM BPS HDAC substrate 3 (Catalog # 50037), and HDAC10. Incubation conditions: 30 min at 37ºC followed by developing for 15 min at room temperature.
Application: Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

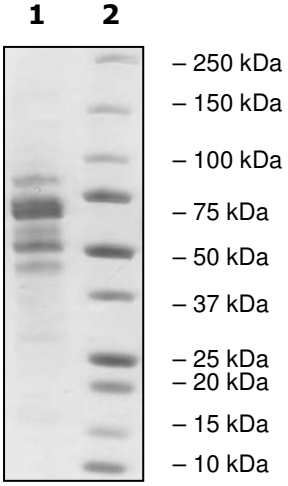
Specific Activity



4-20% SDS-PAGE Coomassie staining

Lane 1: 2 µg HDAC10
Lane 2: Protein Marker

MW: 68.2 kDa
Purity: ≥30%



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