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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

HDAC11

Human, recombinant

Catalog #: 50021

Lot #: 141104

Conc.: 0.07 mg/ml

Formulated in: 50 mM Tris-HCl, pH 8.0, 500 mM NaCl, 50 mM KCl, 2 mM EDTA, 2 mM DTT, 0.5% Triton-X-100 and 10% 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%).

Reference(s):

1. Strausberg, R.L., *et al.*, *Proc. Natl. Acad. Sci. U.S.A.* **99** (26), 16899-16903 (2002).

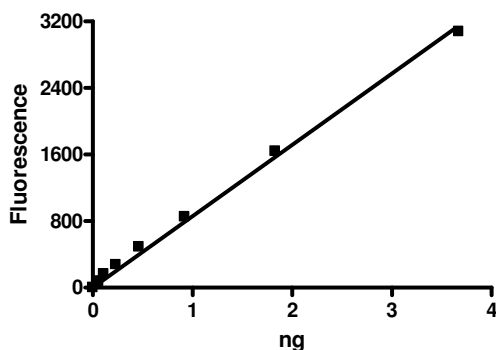
Description: Human HDAC11 (full length) (GenBank Accession No. NM_024827) untagged, MW= 39.6 kDa, expressed in baculovirus expression system.

Specific Activity: 1500 pmol/min/ μg .
Assay conditions: 25 mM Tris/HCl, pH 8.0, 137 mM NaCl, 2.7 mM KCl, 1 mM MgCl_2 , 0.05% Triton X-100, 0.1 mg/ml BSA, 20 μM BPS HDAC substrate 1 (Catalog #50040), and HDAC11 (0.4 – 25 ng). Incubation condition: 30 min at 37°C 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

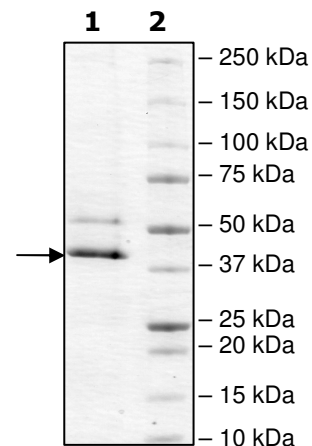


4-20% SDS-PAGE Coomassie staining

Lane 1:
2 μg HDAC11

Lane 2:
Protein Marker

MW: 39.6 kDa
Purity: $\geq 70\%$



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Sequence:

GPLGSMLHTTQLYQHVPETRWPIVYSPRYNITFMGLEKLHPFDAGKWGKVINFLKEEKLLSDS
MLVEAREASEEDLLVVHTRRYLNELKWSFAVATITEIPPVIFLPNFLVQRKVLRLRTQTGGTI
MAGKLAVERGWAINVGGGFHHCSSDRGGGFCAAYADITLAIKFLFERVEGISRATIIDLDAHQG
NGHERDFMDDKRVIYIMDVYNRHIYPGDRFAKQAIRRKVELEWGTEDDEYLDKVERNIKKSLQ
EHLPDVVVYNAGTDILEGDRLGGLSISPAGIVKRDELVFRMVRGRRVPILMVTSGGYQKRTAR
IIADSILNLFGLGLIGPESPSVSAQNSDTPLLPPAVP

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