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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

MEG-1

Human, recombinant, N-terminal GST tag

Catalog #: 30015

Lot #: 91028 **Conc.:** 1 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
110 mM NaCl, 2.2 mM KCl, 20% glycerol,
16 mM glutathione, and 3 mM DTT.

Stability: >6 months at -80°C

References:

1. K. Hironaka, *et al.*, *J. Biol.Chem.* 2000, **275**: 16167-16173.
2. M. Gu, *et al.* *Proc. Natl. Acad. Sci.* 1996, **93**: 12980-12985.

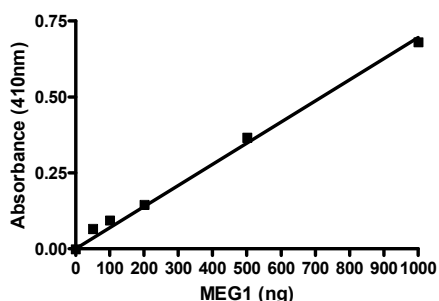
Description: MEG-1 protein tyrosine phosphatase (PTP-MEG-1), Catalytic domain, (a.a. 637-926) with N-terminal GST tag, MW=60.3 kDa, expressed in an E.coli expression system.

Specific Activity: 4.6 U/μg. One unit will hydrolyze 1 nmol p-nitrophenyl phosphate per minute at pH 7.4 and 37°C. Assay buffer: 50 mM HEPES, pH 7.4, 2 mM EDTA, 3 mM DTT, 100 mM NaCl, 50 mM pNPP.

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

Quality Assurance

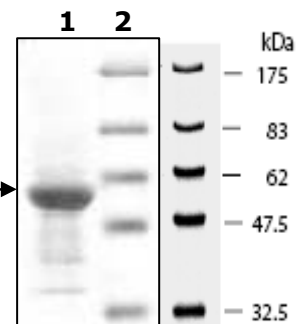
MEG-1 Specific Activity



10% SDS-PAGE Coomassie staining

Lane 1:
6 μg MEG1 →

Lane 2:
Protein Marker
BioLabs (#P7708L)



MW: 60.3 kDa

Purity: ≥90%

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