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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

PARP12

Human, recombinant, N-terminal His-GST

Catalog #: 80513

Lot#: 130430

Conc.: 0.11 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
 110 mM NaCl, 2.2 mM KCl, 8mM
 Glutathione, 0.04% Tween20, and 20%
 glycerol

Stability: >6 months at -80°C

References:

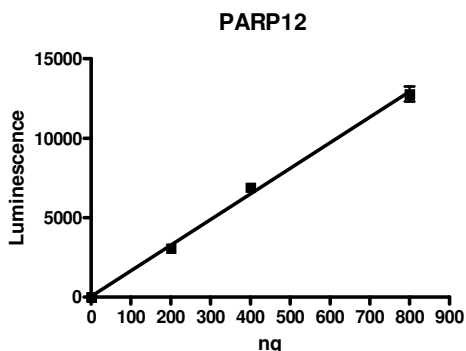
1. Katoh, M. and Katoh, M. *Int. J. Oncol.* **23** (2), 541-547 (2003).
2. Hillier, L.W., *et al.* *Nature* **424** (6945), 157-164 (2003).

Description: Human PARP12 (GenBank Accession No. NM_022750), a.a. 500-701(end) with N-terminal His-GST tag, MW = 51 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Assay Conditions: Ribosylation reaction is conducted in wells coated with a mixture of histones at room temperature for 1 hour. Assay buffer: 50 mM Tris-HCl (pH 8.0), 5 mM MgCl₂ and 20 µM ZnCl₂.

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

Quality Assurance

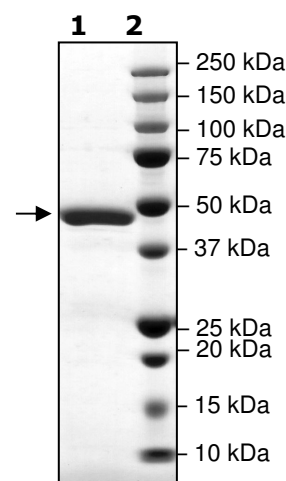


**4-20% SDS-PAGE
 Coomassie staining**

Lane 1:
 PARP12
Lane 2:
 Protein Marker

Purity: ≥98%

MW: 51 kDa



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PROTEIN SEQUENCE:

MHHHHHHGGGSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNK
KFELGLEFPNLPYYIDGDVKLTQSMAIRYIADKHNMLGGCPKERAEISMLEGAV
LDIRYGVSRAYSKDFETLKVDFLSKLPPEMLKMFKDRLCHKTYLNGDHVTHPDF
MLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGW
QATFGGGDHPPKSDPENLYFQGGGEFKITLSSSSEEYQKVWNLFNRTLFPYFVQK
IERVQNLALWEVYQWQKGQMQKQNGGKA VDERQLFHGTS AIFVDAICQQNFD
WRVCGVHGTSYGKGSYFARDAAYSHHYSKSDTQHTMFLARVLVGEFVRGNA
SFVRPPAKEGWSNAFYDSCVNSVSDPSIFVIFEKHQVYPEYVIQYTTSSKPSVTPSI
LLALGSLFSSRQ

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