

Data Sheet

PARP1, GST-tag

Human, recombinant, N-terminal FLAG-Avi-tag™

Catalog #: AMS.80521

Lot #: 150715-1

Conc.: 0.70 mg/ml

Description: Human PARP1 (GenBank Accession No. NM_001618), full length with N-terminal FLAG-Avi-tag™, MW = 117 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Assay Conditions: Enzyme reaction is conducted using PARP Assay Kit (Catalog Number AMS.80551) at room temperature for 1 hour.

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

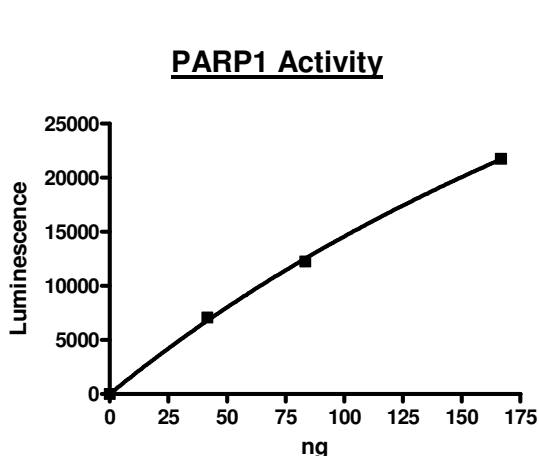
Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 20% glycerol, 0.2mM TCEP, 80 µg/ml FLAG peptide

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. Aguilar-Quesada R, et al., *Curr Med Chem.* 2007;**14(11)**:1179-87.
2. Pacher P. and Szabó C. *Cardiovasc Drug Rev.* 2007 Fall;**25(3)**:235-60.

Quality Assurance

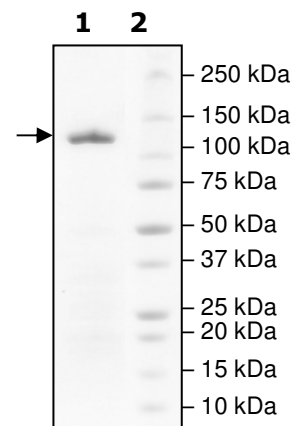


**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
3.8 µg PARP1

Lane 2:
Protein Marker

Purity: ≥ 90%
MW: 117 kDa



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