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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

PARP14

Human, recombinant, N-terminal His-GST tag

Catalog #: 80514

Lot#: 130116

Conc.: 0.13 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
 110 mM NaCl, 2.2 mM KCl, 188 mM
 imidazole, 0.04% Tween-20, 3 mM DTT,
 20% glycerol.

Stability: >6 months at -80°C

References:

1. Barbarulo A. *et al. Oncogene*. **10 (1038)**,
 448 (2012).

2. Cho SH. *et al. Proc Natl Acad Sci U S A*.
108(38),15972-7 (2011).

Description:

Human PARP14 (GenBank Accession No. NM_017554), amino-acids 1470-1801end with N-terminal His-GST tag, MW = 66.5 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Assay Conditions:

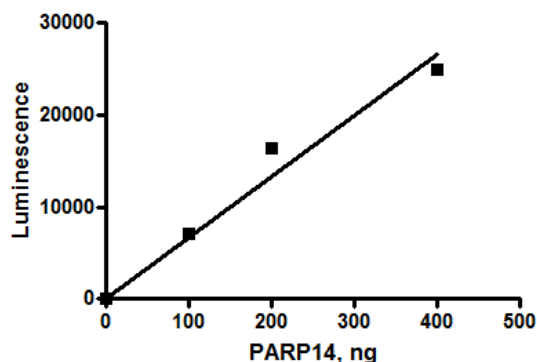
Enzyme reaction is conducted using PARP14 enzyme and BPS PARP assay kit reagents at various PARP assay mixture concentrations. Ribosylation reaction is conducted at room temperature for 1 hour, followed by chemiluminescent detection.

Application:

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

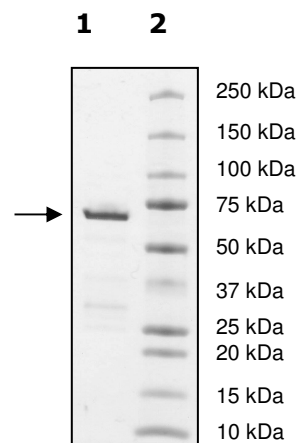
Quality Assurance

Specific Activity



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

Lane 1:
 1 µg PARP14
Lane 2:
 Protein Marker
MW: 66.5 kDa
Purity: ≥83%



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PROTEIN SEQUENCE:

MHHHHHHGGGSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELG
LEFPNLPYYIDGDVCLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIA
YSKDFETLKVDFLSKLPEMLKMFKDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPM
CLDAFPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGQWQATFGGGDHPKSDPENLYFQ
GGGEFKEYQELNELQKKLNINISLDHKRPLIKVLGISRDVMQARDEIEAMIKRVRLAKEQ
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RSYAGKNAVAYGKGTYFAVNANYSANDTYSRPDANGRKHVYYVRLTGIYTHGNHSLI
VPPSKNPQNPTDLYDVTVDNVHHPSLFVAFYDYQAYPEYLITFRK

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