

Data Sheet

PARP15

Human, recombinant, N-terminal GST tag

Catalog #: w90528

Lot#: 130103 Conc.: 0.22 mg/ml

Formulated in: 40 mM Tris pH8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween20, 3 mM DTT and 20% glycerol.

Stability: >6 months at -80°C

Reference:

1. Andersson CD., *et al. J. Med. Chem.* 2012 Sep 13;**55**(17):7706-18.
2. Ricardo C. T. Aguiar., *et al. J. Biochem.* 2005 Oct 28;**(40)**:33756-65.

Description:

Human poly (ADP-ribose) polymerase family, member 15 (PARP15) (GenBank Accession No. NM_152615, var2), a.a. 221-444(end) with N-terminal GST tag, MW = 52.5 kDa, expressed in an E. coli expression system.

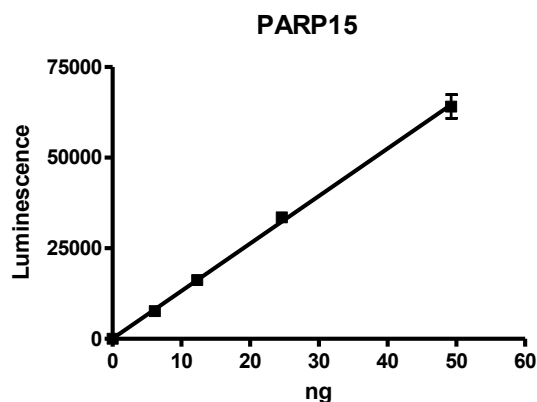
Activity Assay:

Enzyme reaction is conducted using WestBio PARP15 Assay Kit (Catalog #w90578) following kit protocol, at room temperature for 30 minutes.

Application:

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

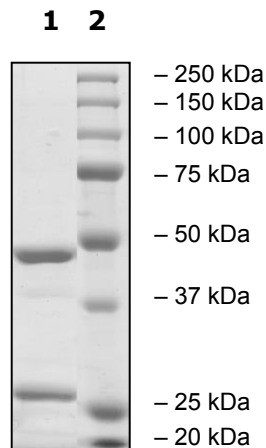
Quality Assurance



10% SDS-PAGE Coomassie staining

Lane 1:
2 µg PARP15
Lane 2:
Protein Marker

MW: 52.5 kDa
Purity: ≥55%



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Sequence:

MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYI
DGDVKLTQSMARIYIADKHNMLGGCPKERAISMLEGAVLDIRYGVSRIAYSKDFETLK
VDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLV
CFKKRIEAIQIDKYLKSSKYIAWPLQGWAQTFGGGDHPPKSDLEVLFGGPLGSIFYDS
MKKRDLASLNFQSTFSMTTCNLPEHWTDNMNHQLFCMVQLEPGQSEYNTIKDKFTRT
CSSYAIEKIERIQNAFLWQSYQVKKRQMDIKNDHKNNERLLFHGTDADSVPYVNQHGF
NRSCAGKNAVSYGKGTYFAVDASYSKDTYSKPDSNGRKHMYVVRVLTGVFTKGRAG
LVTPPPKNPHNPTDLFDSVTNNTRSPKLFVVFFDNQAYPEYLITFTA

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