

# Recombinant Mouse Parp1 Protein, His-tagged, FITC conjugated

Cat. No. Parp1-2535MF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant Mouse Parp1 (NP_031441.2) (Met 1-Trp 1014), fused with a polyhistidine tag at the N-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1033
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant mouse PARP1 consists of 1033 amino acids and has a calculated molecular mass of 115 kDa. It migrates as an approximately 75 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 8.0, 10% gly, 0.1 mM TCEP
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	Parp1 poly (ADP-ribose) polymerase family, member 1 [ Mus musculus ]
<b>Official Symbol</b>	Parp1
<b>Gene ID</b>	11545
<b>mRNA Refseq</b>	NM_007415
<b>Protein Refseq</b>	NP_031441

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