Recombinant Mouse Parp1 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. Parp1-2535MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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.
Species	Mouse
Source	Insect Cells
ProteinLength	1033
Form	Lyophilized
Molecular Mass	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.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from 0.2 μm filtered solution of 20 mM Tris, 500 mM NaCl, pH 8.0, 10% gly, 0.1 mM TCEP
Reconstitution	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.
Conjugation	Alexa Fluor 555

GENE INFORMATION

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

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