

**RPES8045**

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## Product Information

<b>Product SKU:</b>	RPES8045	<b>Expression Host:</b>	E.coli	<b>Size:</b>	20µg
<b>Tag:</b>	N-Sumo	<b>Reactivity:</b>	Human	<b>Accession:</b>	P36969-1

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## Additional Information

<b>Calculated MW:</b>	22.9 kDa	<b>Observed MW:</b>	20 kDa
<b>Sequence:</b>	Lys107-Phe197		

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## Protein Information

**Background:** -

**Synonyms:** Glutathione peroxidase 4, GPX 4, GPX-4, GPX4, GPX4\_HUMAN, GSHPx-4, MCSP, mitochondrial, PHGPx, Phospholipid hydroperoxidase, Phospholipid hydroperoxide glutathione peroxidase, Phospholipid hydroperoxide glutathione peroxidase mitochondrial, snGPx, snPHGPx, Sperm nucleus glutathione peroxidase

**Endotoxin:** < 10 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.