

Product datasheet

Glutathione Peroxidase 1 peptide ab156307

Overview

**Product name** Glutathione Peroxidase 1 peptide

Description

**Nature** Synthetic

Specifications

Our [Abpromise guarantee](#) covers the use of **ab156307** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Blocking - Blocking peptide for Anti-Glutathione Peroxidase 1 antibody [EPR3312] ([ab108427](#))

**Form** Liquid

**Additional notes**

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

Preparation and Storage

**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. Information available upon request.

General Info

**Function** Protects the hemoglobin in erythrocytes from oxidative breakdown.

**Sequence similarities** Belongs to the glutathione peroxidase family.

**Cellular localization** Cytoplasm.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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