

CRYZ Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21584b**Specification**

CRYZ Blocking Peptide (C-term) - Product InformationPrimary Accession [Q08257](#)**CRYZ Blocking Peptide (C-term) - Additional Information****Gene ID** 1429**Other Names**

Quinone oxidoreductase, NADPH:quinone reductase, Zeta-crystallin, CRYZ

Target/Specificity

The synthetic peptide sequence is selected from aa 248-262 of HUMAN CRYZ

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CRYZ Blocking Peptide (C-term) - Protein Information**Name** CRYZ**Function**

Does not have alcohol dehydrogenase activity. Binds NADP and acts through a one-electron transfer process. Orthoquinones, such as 1,2-naphthoquinone or 9,10-phenanthrenequinone, are the best substrates (in vitro). May act in the detoxification of xenobiotics. Interacts with (AU)-rich elements (ARE) in the 3'-UTR of target mRNA species. Enhances the stability of mRNA coding for BCL2. NADPH binding interferes with mRNA binding.

Cellular Location

Cytoplasm.

Tissue Location

Only very low amounts in the lens.

CRYZ Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CRYZ Blocking Peptide (C-term) - Images

CRYZ Blocking Peptide (C-term) - Background

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CRYZ Blocking Peptide (C-term) - References

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Ota T., et al. Nat. Genet. 36:40-45(2004).
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