

SPR Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20742c**Specification**

SPR Blocking Peptide (C-term) - Product InformationPrimary Accession [P35270](#)**SPR Blocking Peptide (C-term) - Additional Information****Gene ID** 6697**Other Names**

Sepiapterin reductase, SPR, SPR

Target/Specificity

The synthetic peptide sequence is selected from aa 139-150 of HUMAN SPR

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.

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

Catalyzes the final one or two reductions in tetra- hydrobiopterin biosynthesis to form 5,6,7,8-tetrahydrobiopterin.

Cellular Location

Cytoplasm.

SPR Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

SPR Blocking Peptide (C-term) - Images

SPR Blocking Peptide (C-term) - Background

Catalyzes the final one or two reductions in tetra- hydrobiopterin biosynthesis to form 5,6,7,8-tetrahydrobiopterin.

SPR Blocking Peptide (C-term) - References

Ichinose H.,et al.Biochem. Biophys. Res. Commun. 179:183-189(1991).
Maier J.,et al.Exp. Cell Res. 204:217-222(1993).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).