

SHOX Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP21698a**Specification**

SHOX Blocking Peptide (N-term) - Product InformationPrimary Accession [O15266](#)**SHOX Blocking Peptide (N-term) - Additional Information****Gene ID** 6473**Other Names**

Short stature homeobox protein, Pseudoautosomal homeobox-containing osteogenic protein, Short stature homeobox-containing protein, SHOX, PHOG

Target/Specificity

The synthetic peptide sequence is selected from aa 4-18 of HUMAN SHOX

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.

SHOX Blocking Peptide (N-term) - Protein Information**Name** SHOX**Synonyms** PHOG**Function**

Controls fundamental aspects of growth and development.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000255|PROSITE-ProRule:PRU00138}

Tissue Location

SHOXA is expressed in skeletal muscle, placenta, pancreas, heart and bone marrow fibroblast and SHOXB is highly expressed in bone marrow fibroblast followed by kidney and skeletal muscle. SHOXB is not expressed in brain, kidney, liver and lung. Highly expressed in osteogenic cells

SHOX Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

SHOX Blocking Peptide (N-term) - Images

SHOX Blocking Peptide (N-term) - Background

Controls fundamental aspects of growth and development.

SHOX Blocking Peptide (N-term) - References

Rao E.,et al.Nat. Genet. 16:54-63(1997).
Ellison J.W.,et al.Hum. Mol. Genet. 6:1341-1347(1997).
Ross M.T.,et al.Nature 434:325-337(2005).
Grigeliuniene G.,et al.Hum. Genet. 107:145-149(2000).
Cormier-Daire V.,et al.Am. J. Med. Genet. 106:272-274(2001).