

**CSH1 Blocking Peptide (N-term)**  
**Synthetic peptide**  
**Catalog # BP20176a****Specification**

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**CSH1 Blocking Peptide (N-term) - Product Information**

Primary Accession [P01243](#)  
Other Accession [PODML3](#), [PODML2](#), [NP\\_072167.1](#)

**CSH1 Blocking Peptide (N-term) - Additional Information****Other Names**

CSH1; Chorionic somatomammotropin hormone; Lactogen; Placental lactogen

**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.

**CSH1 Blocking Peptide (N-term) - Protein Information****CSH1 Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

**CSH1 Blocking Peptide (N-term) - Images****CSH1 Blocking Peptide (N-term) - Background**

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones and plays an important role in growth control. The gene is located at the growth hormone locus on chromosome 17 along with four other related genes in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. Although the five genes share a remarkably high degree of sequence identity, they are expressed selectively in different tissues. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed mainly in the placenta and

utilizes multiple transcription initiation sites. Expression of the identical mature proteins for chorionic somatomammotropin hormones 1 and 2 is upregulated during development, although the ratio of 1 to 2 increases by term. Mutations in this gene result in placental lactogen deficiency and Silver-Russell syndrome. [provided by RefSeq].

#### **CSH1 Blocking Peptide (N-term) - References**

Voorhees, J.L., et al. J. Biol. Chem. 285(26):20022-20030(2010)  
Mannik, J., et al. J. Clin. Endocrinol. Metab. 95(5):2433-2442(2010)  
Davila, S., et al. Genes Immun. 11(3):232-238(2010)  
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