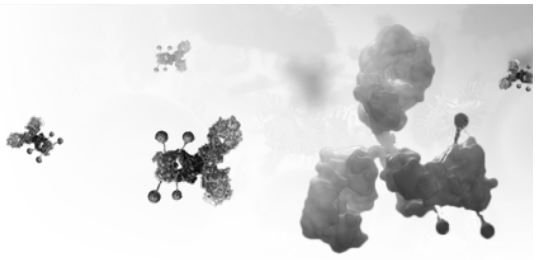

# Human SOCS3 blocking peptide (CDBP2764)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Blocking/Immunizing peptide for anti-SOCS3 antibody |
| **Antigen Description** | This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene is induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of this gene suggested the roles of this gene in the negative regulation of fetal liver hematopoiesis, and placental development. [provided by RefSeq, Jul 2008] |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | BL |
| **Format** | Lyophilized powder |
| **Size** | 100 µg |
| **Preservative** | None |
| **Storage** | Shipped at ambient temperature, store at -20°C. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | SOCS3 suppressor of cytokine signaling 3 [ Homo sapiens ] |
| **Official Symbol** | SOCS3 |
| **Synonyms** | SOCS3; suppressor of cytokine signaling 3; CIS3; Cish3; SOCS 3; SSI 3; CIS-3; STAT-induced |

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| | |
|---|---|
| | STAT inhibitor 3; cytokine-induced SH2 protein 3; cytokine-inducible SH2 protein 3; SSI3; ATOD4; SSI-3; SOCS-3; MGC71791; |
| **Entrez Gene ID** | 9021 |
| **mRNA Refseq** | NM_003955 |
| **Protein Refseq** | NP_003946 |
| **UniProt ID** | O14543 |
| **Chromosome Location** | 17q25.3 |
| **Pathway** | ATF-2 transcription factor network, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; |
| **Function** | protein kinase inhibitor activity; |

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