

# Recombinant Human MANSC1

Catalog No: #GP13391



Package Size: #GP13391-1 100ug

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | Recombinant Human MANSC1   |
| Brief Description     | Recombinant Protein  |
| Immunogen Description | Fusion protein corresponding to a region derived from 27-226 amino acids of human MANSC1 |
| Target Name           | MANSC domain containing 1  |
| Other Names           | LOH12CR3; 9130403P13Rik  |
| Accession No.         | Swissprot:Q9H8J5Gene Accession:BC032998  |
| Uniprot               | Q9H8J5   |
| GeneID                | 54682;   |
| Storage               | -20~-80°C, pH 7.6 PBS  |

## Background

MANSC1 (MANSC domain-containing protein 1), also known as LOH12CR3 (Loss of heterozygosity 12 chromosomal region 3 protein), is a 414 amino acid single-pass membrane protein. Expressed throughout the body, MANSC1 contains one MANSC domain and is encoded by a gene that is located on chromosome 12. Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5% of the human genome. A number of skeletal deformities are linked to chromosome 12, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Chromosome 12 is also home to a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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