# Recombinant Human MCRS1, His-tagged

**Cat. No.** MCRS1-30186TH **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant fragment, corresponding to amino acids 14-317 of Human MCRS1 with N terminal His tag; MWt 35 kDa. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 14-317 a.a. |
| **Description** | MCRS1 (Microspherule protein 1) modulates the transcription repressor activity of DAXX by recruiting it to the nucleolus. It also associates with TERT and inhibits telomerase activity. |
| **Conjugation** | HIS |
| **Form** | Lyophilised:Reconstitute with 61 µl aqua dest. |
| **Storage buffer** | Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5 |
| **Storage** | Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles. |
| **Sequences of amino acids** | MASGTASRSEDEESLAGQKRASSQALGTIPKRRSSSRFIK RKKFDDELVESSLAKS STRAKGASGVEPGRCSGSEPSS SEKKKVSKAPSTPVPPSPAPAPGLTKRVKKSKQ PLQVT KDLGRWKPADDLLLINAVLQTNDLTSVHLGVKFSCRFT LREVQERWYALLY |

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| | DPVISKLACQAMRQLHPEAIAAIQSKA LFSKAEEQLLSKVGSTSQPTLETFQDLLHRH PDAFYLA RTAKALQAHWQLMKQYYLLEDQTVQPLPKGDQVLNFSD AEDLIDDSKL KDMRDEVLEHELMVADRRQKREIR |

## GENE INFORMATION

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|---|---|
| **Gene Name** | MCRS1 microspherule protein 1 [ Homo sapiens ] |
| **Official Symbol** | MCRS1 |
| **Synonyms** | MCRS1; microspherule protein 1; ICP22BP; INO80 complex subunit Q; INO80Q; MCRS2; MSP58; P78; |
| **Gene ID** | 10445 |
| **mRNA Refseq** | NM_001012300 |
| **Protein Refseq** | NP_001012300 |
| **MIM** | 609504 |
| **Uniprot ID** | Q96EZ8 |
| **Chromosome Location** | 12q13.12 |
| **Pathway** | Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; |
| **Function** | protein binding; |

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