

# Recombinant Full Length Human MCRS1 Protein, GST-tagged

**Cat. No.** MCRS1-6089HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Human MCRS1 full-length ORF ( NP_006328.2, 1 a.a. - 462 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 462 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | MCRS1 (Microspherule Protein 1) is a Protein Coding gene. Diseases associated with MCRS1 include Pigmented Basal Cell Carcinoma and Herpes Simplex. Among its related pathways are Influenza A and Deubiquitination. GO annotations related to this gene include histone acetyltransferase activity (H4-K5 specific) and histone acetyltransferase activity (H4-K16 specific).                                                                                                                   |
| <b>Molecular Mass</b>   | 78.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MDKDSQGLLDSSLMASGTASRSEDEESLAGQKRASSQALGTIPKRRSSSRFIKRKK<br>FDDELVESSLAKSSSTRAKGASGVEPGRCSGSEPSSSEKKKVSKAPSTPVPSPAPA<br>PGLTKRVKSKSQPLQVTKDLGRWKPADDLLLINAVLQTNDLTSVHLGVKFSCRFTLR<br>EVQERWYALLYDPVISKLACQAMRQLHPEAIAAIQSKALFSKAEQQLSKVGSTSQP<br>TLETQDLLHRHPDAFYLAARTAKALQAHWQLMKQYYLLEDQTVQPLPKGDQVLNFS<br>DAEDLIDDSKLDKMRDEVLEHELMVADRRQKREIRQLEQELHKWQVLVDSITGMSS<br>PDFDNQTLAVLRGRMVRYLMRSREITLGRATKDNQIDVDLSLEGPWKISRKQGVK<br>LKNNGDFFIANEGRRPIYIDGRPVLCGSKWRLSNNSVVEIASLRFVFLINQDLIALIRAE |

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|                         |                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | AAKITPQ                                                                                                                                                                                                                    |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                          |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                     |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                   |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                            |
| <b>Gene Name</b>        | <a href="#">MCRS1 microspherule protein 1 [ Homo sapiens ]</a>                                                                                                                                                             |
| <b>Official Symbol</b>  | <a href="#">MCRS1</a>                                                                                                                                                                                                      |
| <b>Synonyms</b>         | MCRS1; microspherule protein 1; ICP22BP; INO80 complex subunit Q; INO80Q; MCRS2; MSP58; P78; INO80 complex subunit J; 58 kDa microspherule protein; cell cycle-regulated factor p78; cell cycle-regulated factor (78 kDa); |
| <b>Gene ID</b>          | <a href="#">10445</a>                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>      | <a href="#">NM_001012300</a>                                                                                                                                                                                               |
| <b>Protein Refseq</b>   | <a href="#">NP_001012300</a>                                                                                                                                                                                               |
| <b>MIM</b>              | <a href="#">609504</a>                                                                                                                                                                                                     |

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UniProt ID

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