

## Recombinant Human MCRS1 Protein, GST-tagged

**Cat. No.** MCRS1-4510H    **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>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <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>FDDELVESSLAKSSSTRAKGASGVEPGRCSGSEPSSSEKKKVSKAPSTPVPPSPAPA<br>PGLTKRVKSKQPLQVTKDLGRWKPADDLLLINAVLQTNDLTSVHLGVKFSCRFTLR<br>EVQERWYALLYDPVISKLACQAMRQLHPEAIAAIQSKALFSKAEQQLSKVGSTSQP<br>TLETQDLLHRHPDAFYLAARTAKALQAHWQLMKQYYLLEDQTVQPLPKGDQVLNFS<br>DAEDLIDDSKLDKMRDEVLEHELMVADRRQKREIRQLEQELHKWQVLVDSITGMSS<br>PDFDNQTLAVLRGRMVRYLMRSREITLGRATKDNQIDVDLSLEGPAAWKISRKQGVK<br>LKNNGDFFIANEGRPIYIDGRPVLCGSKWRLSNNSVVEIASLRFVFLINQDLIALIRAE<br>AAKITPQ |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| <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.                                          |

## GENE INFORMATION

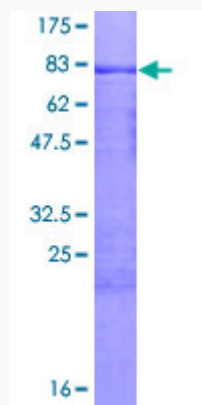
|                        |                                                                                                                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MCRS1 microspherule protein 1 [ Homo sapiens ]                                                                                                                                                                             |
| <b>Official Symbol</b> | MCRS1                                                                                                                                                                                                                      |
| <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>         | 10445                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_001012300                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_001012300                                                                                                                                                                                                               |
| <b>MIM</b>             | 609504                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | Q96EZ8                                                                                                                                                                                                                     |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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