# Recombinant Human LY9 Protein, GST-tagged

**Cat. No.** LY9-4565H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human LY9 full-length ORF ( NP_001028839.1, 1 a.a. - 193 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).[supplied by OMIM |
| **Molecular Mass** | 47.6 kDa |
| **AA Sequence** | MVAPKSHTDDWAPGPFSSKPQRSQLQIFSSVLQTSLLFLLMGLRASGKDSAPTVVS GILGGSVTLPLNISVDTEIENVIWIGPKNALAFARPKENVTIMVKSYLGRLDITKWSYSL CISNLTLNDAGSYKAQINQRNFEVTTEEEFTLFVYAPFIEKLSVHVIEGDHRTLLEGSG LESIISTLAEPRVSVREG |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |

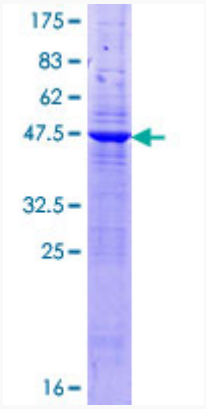
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| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | LY9 lymphocyte antigen 9 [ Homo sapiens ] |
| **Official Symbol** | LY9 |
| **Synonyms** | LY9; lymphocyte antigen 9; T-lymphocyte surface antigen Ly-9; CD229; hly9; mLY9; SLAMF3; cell surface molecule Ly-9; cell-surface molecule Ly-9; |
| **Gene ID** | 4063 |
| **mRNA Refseq** | NM_001033667 |
| **Protein Refseq** | NP_001028839 |
| **MIM** | 600684 |
| **UniProt ID** | Q9HBG7 |

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| **Quality Control Testing** | <br>12.5% SDS-PAGE Stained with Coomassie Blue |

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