

# GNL1 mouse monoclonal antibody (hybridoma)

Catalog # H00002794-M

Size Up to 5 Clones

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Product Description           | Mouse monoclonal antibody raised against a full-length recombinant GNL1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen                     | GNL1 (NP_005266.2, 1 a.a. ~ 607 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence                      | MPRKKPFSVKQKKKQLQDKRERKRLQDGLRSSNSRSGSRERREEQTDTSDGESVTHIRRL<br>NQQPSQGLGPRGYDPNRYRLHFERDSREEVERRKRAAREQVLQPVSAELLELDIREVYQPGSVL<br>DFPRRPWSYEMSKEQLMSQEERSFQDYLGKIHGAYSSEKLSYFEHNLETWRQLWRVLEMSDIV<br>LLITDIRHPVVNFPPALYEVVTGELGLALVVLNKNVDLAPPALVVAWKHYFHQHPQLHVVLFTSFP<br>RDP RTPQDPSSVLKKSRRRGRGWTRALGPEQLLRACEAITVGKVDLSSWREKIARDVAGATWG<br>NGSGEEEEEDGPAVLVEQQTDSAMEPTGPTQERYKDGVTIGCVGFNPVGKSSLINGLVGRKV<br>VSVSRTPGHTRYFQTYFLTPSVKLCDCPGLIFPSLLPRQLQVLGMPYIAQIQEPYTAVGYLASRIPV<br>QALLHLRHPEAEDPSAEHPWCAWDICEAWAEKRGYKTAKAARNDDVYRAANSLRLAVDGRSL<br>CFHPPGYSEQGTWESH PETTELVLQGRVGPAGDEEEEEEEELSSSCEEEGEEDRDADEEG<br>EGDEETPTSAPGSSLAGRNPYALLGEDEC |
| Host                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Interspecies Antigen Sequence | Mouse (95); Rat (96)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Quality Control Testing       | Antibody reactivity and specificity confirmed by ELISA and Western Blot.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Deliverables                  | Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Note                          | Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — GNL1

Entrez GeneID [2794](#)

GeneBank Accession# [NM\\_005275.2](#)

Protein Accession# [NP\\_005266.2](#)

Gene Name GNL1

Gene Alias HSR1

Gene Description guanine nucleotide binding protein-like 1

Omim ID [143024](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The GNL1 gene, identified in the human major histocompatibility complex class I region, shows a high degree of similarity with its mouse counterpart. The GNL1 gene is located less than 2 kb centromeric to HLA-E, in the same transcriptional orientation. GNL1 is telomeric to HLA-B and HLA-C . [provided by RefSeq]

**Other Designations** GTP-binding protein|HSR1 GTP-binding protein|OTTHUMP00000029186|guanine nucleotide binding protein-like 1; HSR1 GTP-binding protein

## Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Spondylitis](#)