

## Recombinant Human GNL1 Protein, GST-tagged

**Cat. No.** GNL1-5078H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GNL1 full-length ORF ( NP_005266.2, 1 a.a. - 607 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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]                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 95.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MPRKKPFSVKQKKKQLQDKRERKRGLQDGLRSSSNSRSGSRERREEQTDTS DGE<br>SVTHHIRRLNQPSQGLGPRGYDPNRYRLHFERDSREEVERRKRAAREQVLQPVS<br>AELLELDIREVYQPGSVLDFPRRPPWSYEMSKEQLMSQEERSFQDYLGKIHGAYSS<br>EKLSYFEHNLETWRQLWRVLEMSDIVLLITDIRHPVVNFPPALYEYVTGELGLALVLV<br>LNKVDLAPPALVVAWKHYFHQHPQLHVVLFTSFPRDPRTPQDPSSVLKKSRRRGR<br>GWTRALGPEQLLRACEAITVGKVDLSSWREKIARDVAGATWGNNGSGEEEEEEEDGP<br>AVLVEQQTDSAMEPTGPTQERYKDGVTIGCVGFPNVGKSSLINGLVGRKVVSVSR<br>TPGHTRYFQTYFLTPSVKLCDCPGLIFPSLLPRQLQVLAGIYPIAQIQEPYTAVGYLAS<br>RIPVQALLHLRHPEAEDPSAHPWCAWDICEAWAEKRGYKTAKAARNDVYRAANSL<br>LRLAVDGRSLSLCFHPPGYSEQKGTWESHPETTELVLQGRVGPAGDEEEEEEEELS |

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SSCEEEGEEDRDADEEGEGDEETPTSAPGSSLAGRNPYALLGEDEC

#### Applications

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

#### Notes

Best use within three months from the date of receipt of this protein.

#### 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

#### Gene Name

[GNL1 guanine nucleotide binding protein-like 1 \[ Homo sapiens \]](#)

#### Official Symbol

[GNL1](#)

#### Synonyms

GNL1; guanine nucleotide binding protein-like 1; guanine nucleotide-binding protein-like 1; HSR1; GTP-binding protein HSR1; HSR1 GTP-binding protein; FLJ37752; DKFZp547E038; DKFZp547E128;

#### Gene ID

[2794](#)

#### mRNA Refseq

[NM\\_005275](#)

#### Protein Refseq

[NP\\_005266](#)

#### MIM

[143024](#)

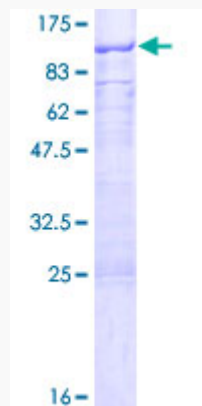
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UniProt ID P36915

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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