

Recombinant Human GNL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GNL1-1182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GNL1 MS Standard C13 and N15-labeled recombinant protein (NP_005266) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	68.7 kDa
AA Sequence	MPRKKPFSVKQKKKQLQDKRERKRGLQDGLRSSNSRSGSRERREEQTDTSDGE SVTHHIRRLNQPSQGLGPRGYDPNRYRLHFERDSREEVERRKRAAREQVLQPV AELLELDIREVYQPGSVLDFPRRPPWSYEMSKEQLMSQEERSFQDYLGKIHGAYSS EKLSYFEHNLETWRQLWRVLEMSDIVLLITDIRHPVVNFPPALYEYVTGELGLALVLV LNKVDLAPPALVVAWKHYFHQHYPLHVVLFSTFPRDPRTPTQDPSSVLKKSRRRGR GWTRALGPEQLLRACEAITVGKVDLSSWREKIARDVAGATWGNGSGEEEEEDGP AVLVEQQTDSAMEPTGPTQERYKDGVTIGCVGFNPVGKSSLINGLVGRKVVSVSR TPGHTRYFQTYFLTPSVKLCDCPGLIFPSLLPRQLQVLAGIYPIAQIQEPYTAVGYLAS RIPVQALLHLRHPEAEDPSAEHPWCAWDICEAWAEKRGYKTAKAARNDEVYRAANSL

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LRLAVDGRSLSLCFHPPGYSEQKGTWESHPETTELVLQGRVGPAGDEEEEEEEELS
 SSCEEEGEEDRDADEEGEGDEETPTSAPGSSLAGRNPYALLGEDECTRTRPLEQKL
 ISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GNL1 guanine nucleotide binding protein-like 1 [Homo sapiens (human)]

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

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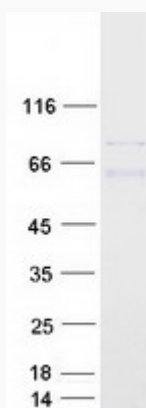
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MIM 143024

UniProt ID P36915

SDS-PAGE



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