



# Recombinant Human Guanine nucleotide-binding protein-like 1 (GNL1)

<b>Product Code</b>	CSB-YP009623HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P36915
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPRKKPFSVK QKKKQLQDKR ERKRGLQDGL RSSSNSRSGS RERREEQTD TSDGESVTHHI RRLNQQPSQG LGPRGYDPNR YRLHFERDSR EEVERRKRAA REQVLQPVSA ELLELDIREV YQPGSVLDFP RRPPWSYEMS KEQLMSQEER SFQDYLKGIH GAYSSEKLSY FEHNLETWRQ LWRVLEMSDI VLLITDIRHP VVNFPPALYE YVTGELGLAL VLVLNKVDLA PPALVVAWKH YFHQHYPLH VVLFSTFPRD PRTPQDPSSV LKKSRRRGRG WTRALGPEQL LRACEAITVG KVDLSSWREK IARDVAGATW GNGSGEEEEEE EDGPAVLVEQ QTDSAMEPTG PTQERYKDG VVTIGCVGFNP VGKSSLINGL VGRKVVSVSR TPGHTRYFQT YFLTPSVKLC DCPGLIFPSL LPRQLQVLG IYPIAQIQEP YTAVGYLASR IPVQALLHLR HPEAEDPSAE HPWCAWDICE AWAEKRGYKT AKAARNDVYR AANSLRLAV DGRLSLCFHP PGYSEQKGTW ESHPETTEL V VLQGRVGPAG DEEEEEEEEL SSSCEEEGEE DRDADEEGEG DEETPTSAPG SSLAGRNPYA LLGEDEC
<b>Source</b>	Yeast
<b>Target Names</b>	GNL1
<b>Protein Names</b>	Recommended name: Guanine nucleotide-binding protein-like 1 Alternative name(s): GTP-binding protein HSR1
<b>Expression Region</b>	1-607
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . The shelf life of lyophilized form is 12 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ .