

Recombinant Human GNL2 protein, His-SUMO-tagged

Cat. No. GNL2-4403H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNL2 protein(Q13823)(1-731aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-731aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	99.7 kDa
AA Sequence	MVKPKYKGRSTINPSKASTNPDRVQGAGGQNMRDRATIRRLNMYRQKERRNSRGK IIKPLQYQSTVASGTVARVEPNIKWFGNTRVIKQSSLQKFQEEMDTVMKDPYKVVMMK QSKLPMSLLHDIRPHNLKVHILDTESFETTFGPKSQRKRPNLFASDMQSLIENAEM STESYDQGKDRDLVTEDTGVRNEAQEEIYKKGQSKRIWGELYKVIDSSDVVVQVLD ARDPMGTRSPHIETYLKKEKPWKHLIFVLNKCDELVPTWATKRWWAVLSQDYPTLAFH ASLTNPFKGKAFIQLLRQFGKLHTDKKQISVGFIGYPNVGKSSVINTLRSKKVCNVAPI AGETKVWQYITLMRRIFLIDCPGVVYPSSEDSETDIVLKGVVQVEKIKSPEDHIGAVLER AKPEYISKTYKIDSWENAEDFLEKLAFTGKLLKGGEPLDQTVGKMVLNDWQRGRIP FFVKPPNAEPLVAPQLLPSSSLEVVEAAQNNPGEVETETAGEGESIIKEETEENSH

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CDANTEMQQILTRVRQNFGKINVVPQFSGDDLVPVEVSDLEEELESFSDEEEEEQE
 QQRDDAEESSEPEEEENVGNDTKAVIKALDEKIAKYQKFLDKAKAKKFS AVRISKGL
 SEKIFAKPEEQRKTL EEDVDDRAPS KKGKKRKAQREEEQEHSNKAPRALTSKERRR
 AVRQQRPKKVGVRYYETHNVKNRNRNKKKTNDSEGQKHKRKKFRQKQ

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name GNL2 guanine nucleotide binding protein-like 2 (nucleolar) [Homo sapiens]

Official Symbol GNL2

Synonyms GNL2; guanine nucleotide binding protein-like 2 (nucleolar); nucleolar GTP-binding protein 2; HUMAUANTIG; Ngp 1; nucleolar GTPase; autoantigen NGP-1; nucleolar G-protein gene 1; novel nucleolar guanosine 5-triphosphate binding protein autoantigen; NGP1; Ngp-1; FLJ40906;

Gene ID 29889

mRNA Refseq NM_013285

Protein Refseq NP_037417

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MIM	609365
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UniProt ID	Q13823
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