

Recombinant Human SNRPG Protein, His-tagged

Cat. No. SNRPG-2716H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human SNRPG Protein (Met1-Val76) with a N-His tag was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Met1-Val76 |
| Description | The protein encoded by this gene is a component of the U1, U2, U4, and U5 small nuclear ribonucleoprotein complexes, precursors of the spliceosome. The encoded protein may also be a part of the U7 small nuclear ribonucleoprotein complex, which participates in the processing of the 3' end of histone transcripts. Several transcript variants encoding different isoforms have been found for this gene. |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 12.2 kDa Accurate Molecular Mass: 12 kDa |
| Endotoxin | <1.0 EU per 1g (determined by the LAL method). |
| Purity | > 90% |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

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| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| Storage Buffer | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Reconstitution | Reconstitute in PBS or others. |

GENE INFORMATION

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|------------------------|---|
| Gene Name | SNRPG small nuclear ribonucleoprotein polypeptide G [Homo sapiens (human)] |
| Official Symbol | SNRPG |
| Synonyms | SNRPG; small nuclear ribonucleoprotein polypeptide G; small nuclear ribonucleoprotein G; Sm G; snRNP-G; sm protein G; SMG; Sm-G; MGC117317; |
| Gene ID | 6637 |
| mRNA Refseq | NM_003096 |
| Protein Refseq | NP_003087 |
| MIM | 603542 |
| UniProt ID | P62308 |

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