

## Product datasheet for **AR50058PU-S**

### snRNP-D3 / Sm-D3 (1-126, His-tag) Human Protein

#### Product data:

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | snRNP-D3 / Sm-D3 (1-126, His-tag) human recombinant protein, 50 µg  |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | E. coli   |
| <b>Expression cDNA Clone or AA Sequence:</b> | MGSSHHHHHH SSGLVPRGSH MSIGVPIKVL HEAEGHIVTC ETNTGEVYRG KLIEAEDNMN CQMSNITVTY RDGRVAQLEQ VYIRGSKIRF LILPDMLKNA PMLKSMKNKN QGSGAGRGKA AILKAQVAAR GRGRGMGRGN IFQRRR          |
| <b>Tag:</b>                                  | His-tag   |
| <b>Predicted MW:</b>                         | 16.0 kDa  |
| <b>Concentration:</b>                        | lot specific  |
| <b>Purity:</b>                               | >85% by SDS - PAGE  |
| <b>Buffer:</b>                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.5M NaCl, 2 mM DTT, 0.1 mM PMSF |
| <b>Preparation:</b>                          | Liquid purified protein   |
| <b>Protein Description:</b>                  | Recombinant human SNRPD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.                              |
| <b>Storage:</b>                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.<br>Avoid repeated freezing and thawing.  |
| <b>Stability:</b>                            | Shelf life: one year from despatch.   |
| <b>RefSeq:</b>                               | <a href="#">NP_001265585</a>  |
| <b>Locus ID:</b>                             | 6634  |
| <b>UniProt ID:</b>                           | <a href="#">P62318</a>  |
| <b>Cytogenetics:</b>                         | 22q11.23  |
| <b>Synonyms:</b>                             | SNRPD3, snRNP core protein D3   |



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**Summary:** This gene encodes a core component of the spliceosome, which is a nuclear ribonucleoprotein complex that functions in pre-mRNA splicing. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Protein Families:** Druggable Genome

**Protein Pathways:** Spliceosome, Systemic lupus erythematosus

**Product images:**

