

# Recombinant Mouse Hnrnpa1 Protein, His-tagged

**Cat. No.** Hnrnpa1-455M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Hnrnpa1(Ser2~Phe320) fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Ser2~Phe320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | <p>siDirect: highly effective, target-specific siRNA design software for mammalian RNA interference.</p> <p>Naito Y, et al. Nucleic Acids Res, 2004 Jul 1. PMID 15215364, Free PMC Article Interplay between hnRNP A1 and a cis-acting element in the 3' UTR of CYP2A5 mRNA is central for high expression of the gene.</p> <p>Glisovic T, et al. FEBS Lett, 2003 Jan 30. PMID 12560094</p> <p>Role of hnRNP A1 in coronavirus RNA synthesis.</p> <p>Zhang X, et al. Adv Exp Med Biol, 2001.</p> |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 37.8kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Positive Control; Immunogen; SDS-PAGE; WB.<br>If bio-activity of the protein is needed, please check active protein                                                                                                                                                                                                                          |
| <b>Stability</b>      | 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. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.                                                                                                                                                                                                                 |
| <b>Reconstitution</b> | Reconstitute in PBS or others                                                                                                                                                                                                                                                                                                                |

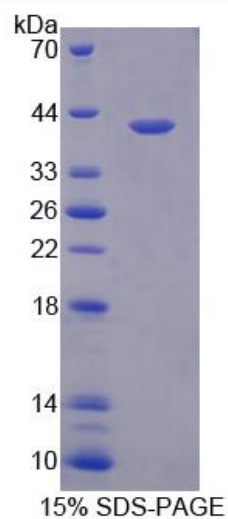
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Hnrnpa1 heterogeneous nuclear ribonucleoprotein A1 [ Mus musculus ]</a>                                                                                                                                                                                                           |
| <b>Official Symbol</b> | <a href="#">Hnrnpa1</a>                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | HNRNPA1; heterogeneous nuclear ribonucleoprotein A1; HDP-1; hnRNP core protein A1; helix destabilizing protein; helix-destabilizing protein; single-strand-binding protein; topoisomerase-inhibitor suppressed; Hdp; Hnrpa1; hnRNP A1; hnrnp-A1; D15Ert119e; MGC102127; MGC102128; MGC103392; |
| <b>Gene ID</b>         | <a href="#">15382</a>                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | <a href="#">NM_001039129</a>                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | <a href="#">NP_001034218</a>                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | <a href="#">Q5EBP8</a>                                                                                                                                                                                                                                                                        |

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