

## Recombinant Rat Hist1h1t protein, His-tagged

**Cat. No.** Hist1h1t-12R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Hist1h1t(2-208 aa) fused with His tag was expressed in E. coli.                                                                                                                                                                                                             |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 2-208 a.a.                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | Hist1h1t palyed an important role in many functions.                                                                                                                                                                                                                                        |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | SETAPAASS TLVPAPVEKP ATKRRGKKPG MATARKPRGF SVSKLIPEAL<br>SMSQERAGMS LAALKKALAA AGYDVEKNNS RIKLALKRLV NKGVLVQTKG<br>TGASGSFKLS KKAASGNDKG KGKKSASAKA KKLGLSRASR SPKSSSKTKVV<br>KKPKATPTKG SGSRRKTKGA KGLQQRKSPA KARATNSNSG KSKMVMQKTD<br>LRKAAGRK                                            |
| <b>Purity</b>           | >90% (SDS-PAGE)                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade.<br>The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.<br>Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | Hist1h1t histone cluster 1, H1t [ <i>Rattus norvegicus</i> ]                                                                                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>     | <a href="#">Hist1h1t</a>                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>            | HIST1H1T; histone cluster 1, H1t; histone H1t; histone 1t; histone 1, H1t; histone 1, family 3; histone 1 a family 3; H1 histone family, member 3; H1 histone family member T (testis-specific); H1 histone family, member T (testis-specific); testis-specific histone 1 probably same as Hh1tts; testis-specific histone 1, probably same as Hh1tts; H1D; H1t; H1.3; H1f3; H1ft; H1s-4; |
| <b>Gene ID</b>             | <a href="#">24438</a>                                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | <a href="#">NM_012579</a>                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>      | <a href="#">NP_036711</a>                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>          | <a href="#">P06349</a>                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Chromosome Location</b> | 17p11                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Function</b>            | DNA binding; DNA binding;                                                                                                                                                                                                                                                                                                                                                                 |

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