

## Recombinant Human WT1-AS Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** WT1-AS-2098H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WT1 MS Standard C13 and N15-labeled recombinant protein (NP_056939) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | This gene is located upstream of the Wilms tumor 1 (WT1) gene; these two genes are bi-directionally transcribed from the same promoter region. This gene is imprinted in kidney, with preferential expression from the paternal allele. Imprinting defects at chromosome 11p13 may contribute to tumorigenesis. |
| <b>Molecular Mass</b>   | 9.9 kDa                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MQRRGQPLENHVALIHWQSAGIPASKVHNYCNMKKSRLGRSRAVRISQPLLSPRRCLHLTERGAGLLQPQPQGPVPTPGPPSGSHPAADNTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                     |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                     |

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| <b>Concentration</b> | 50 µg/mL as determined by BCA |
|----------------------|-------------------------------|

|                       |                                         |
|-----------------------|-----------------------------------------|
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |
|-----------------------|-----------------------------------------|

## GENE INFORMATION

|                  |                                                   |
|------------------|---------------------------------------------------|
| <b>Gene Name</b> | WT1-AS WT1 antisense RNA [ Homo sapiens (human) ] |
|------------------|---------------------------------------------------|

|                        |        |
|------------------------|--------|
| <b>Official Symbol</b> | WT1-AS |
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|                 |                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------|
| <b>Synonyms</b> | WT1-AS; WT1 antisense RNA; WIT1; WIT-1; WT1AS; WT1-AS1; MGC120207; MGC120208; MGC120209 |
|-----------------|-----------------------------------------------------------------------------------------|

|                |       |
|----------------|-------|
| <b>Gene ID</b> | 51352 |
|----------------|-------|

|                    |           |
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| <b>mRNA Refseq</b> | NM_015855 |
|--------------------|-----------|

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| <b>Protein Refseq</b> | NP_056939 |
|-----------------------|-----------|

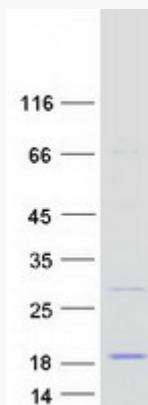
|            |        |
|------------|--------|
| <b>MIM</b> | 607899 |
|------------|--------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q06250 |
|-------------------|--------|

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**SDS-PAGE**

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