

# Recombinant Human TINAGL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** TINAGL1-5753H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | TINAGL1 MS Standard C13 and N15-labeled recombinant protein (NP_071447) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | The protein encoded by this gene is similar in sequence to tubulointerstitial nephritis antigen, a secreted glycoprotein that is recognized by antibodies in some types of immune-related tubulointerstitial nephritis. Three transcript variants encoding different isoforms have been found for this gene.                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 52.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>MWRCPLGLLLLLPLAGHLALGAQQGRGRRELAPGLHLRGIRDAGGRYCQEQLCC</p> <p>RGRADDICALPYLGAICYCDLFCNRTVSDCCPDFWDFCLGVPPFPPIQGCMHGGRI</p> <p>YPVLGTYWDNCNRCTCQENRQWQCDQEPCLVDPDMIKAINQGNYGWQAGNHSFAF</p> <p>WGMTLDEGIRYRLGTIRPSSSVMMNHEIYTVLNPGEVLPTAFEASEKWPNLIHEPLD</p> <p>QGNCAGSWAFSTAAVASDRVSIHSLGHMTPVLSPQNLSCDTHQQQGCRRGRLD</p> <p>GAWWFLRRRGVVSDHCYPFSGRERDEAGPAPPCMMHSRAMGRGKRQATAHCPN</p> <p>SYVNNNDIYQVTPVYRLGSNDKEIMKELMENGVPVQALMEVHEDFFLYKGGIYSHTPV</p> <p>SLGRPERYRRHGTHSVKITGWGEETLPDGRTLKYWTAANSWGPWGERGHFRIVR</p> <p>GVNECDIESFVLGVWGRVGMEDMGHHTRTRPLEQKLISEEDLAANDILDYKDDDDK</p> |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
|                       | V                                                                                          |
| <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.                                |
| <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>       | TINAGL1 tubulointerstitial nephritis antigen-like 1 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | TINAGL1                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | TINAGL1; tubulointerstitial nephritis antigen-like 1; LCN7, lipocalin 7, TINAG like 1; tubulointerstitial nephritis antigen-like; ARG1; LIECG3; P3ECSL; TINAGRP; OLRG-2; TIN-Ag-RP; lipocalin 7; TINAG-like 1; TIN Ag-related protein; androgen-regulated gene 1; oxidized-LDL responsive gene 2; glucocorticoid-inducible protein 5; tubulointerstitial nephritis antigen-related protein; LCN7; |
| <b>Gene ID</b>         | 64129                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_022164                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_071447                                                                                                                                                                                                                                                                                                                                                                                         |

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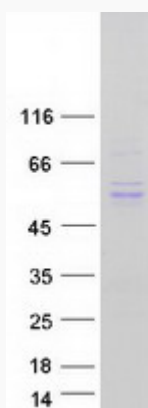
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MIM 616064

UniProt ID Q9GZM7

SDS-PAGE



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