

## Recombinant Human TINAGL1 Protein, His-tagged

Cat. No. TINAGL1-417H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TINAGL1, transcript variant 1, fused with His tag at C-terminal 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>Form</b>	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, 2mM DTT, pH 7.4
<b>Molecular Mass</b>	51.1kD
<b>AA Sequence</b>	AQQGRGRRELAPGLHLRGIRDAGGRYCQEQLCCRGRADDCALPYLGAICYCDLF CNRTVSDCCPDFWDFCLGVPPPFPPIQGCMHGGRIYPVLGTYWDNCNRCTCQENR QWQCDQEPCLVDPDIKAINQGNYGWQAGNHSAFWGMTLDEGIRYRLGTIRPSSS VMNMHEIYTVLNPGEVLPTAFEASEKWPNIHEPLDQGNCAGSWAFSTAAVASDRV SIHSLGHMTPVLSPQNLLSCDTHQQQGCRGGRLDGAWWFLRRRGVVSDHCYPFS GRERDEAGPAPPCMMHSRAMGRGKRQATAHCPNSYVNNNDIYQVTPVYRLGSND KEIMKELMENGVPVQALMEVHEDFFLYKGGIYSHTPVSLGRPERYRRHGTHSVKITG WGEETLPDGRTLKYWTAANSWGPWGERGHFRIVRGVNECDIESFVLGVWGRVG

 Tel: 1-631-559-9269 1-516-512-3133


 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	MEDMGHHVDHHHHHH
<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TINAGL1 tubulointerstitial nephritis antigen-like 1 [ Homo sapiens ]
<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_001204414
<b>Protein Refseq</b>	NP_001191343
<b>UniProt ID</b>	Q9GZM7

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