Recombinant Human TINAGL1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TINAGL1, transcript variant 1, fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Form	Lyophilized from a 0.2 μM filtered solution of20mM PB, 150mM NaCl, 1mM EDTA, 2mM DTT, pH 7.4
Molecular Mass	51.1kD
AA Sequence	AQQGRGRRELAPGLHLRGIRDAGGRYCQEQDLCCRGRADDCALPYLGAICYCDLF CNRTVSDCCPDFWDFCLGVPPPFPPIQGCMHGGRIYPVLGTYWDNCNRCTCQENR QWQCDQEPCLVDPDMIKAINQGNYGWQAGNHSAFWGMTLDEGIRYRLGTIRPSSS VMNMHEIYTVLNPGEVLPTAFEASEKWPNLIHEPLDQGNCAGSWAFSTAAVASDRV SIHSLGHMTPVLSPQNLLSCDTHQQQGCRGGRLDGAWWFLRRRGVVSDHCYPFS GRERDEAGPAPPCMMHSRAMGRGKRQATAHCPNSYVNNNDIYQVTPVYRLGSND KEIMKELMENGPVQALMEVHEDFFLYKGGIYSHTPVSLGRPERYRRHGTHSVKITG WGEETLPDGRTLKYWTAANSWGPAWGERGHFRIVRGVNECDIESFVLGVWGRVG

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	MEDMGHHVDHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/μg of protein (<1EU/μg).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	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.

GENE INFORMATION

Gene Name	TINAGL1 tubulointerstitial nephritis antigen-like 1 [Homo sapiens]
Official Symbol	TINAGL1
Synonyms	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;
Gene ID	64129
mRNA Refseq	NM_001204414
Protein Refseq	NP_001191343
UniProt ID	Q9GZM7

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