

## Recombinant Human TINAGL1, His-tagged

Cat. No. TINAGL1-2292H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TINAGL1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	469aa
<b>Description</b>	TINAGL1 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>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
<b>Molecular Mass</b>	52.5 kDa
<b>AA Sequence</b>	<p>MGSSHHHHHH SSSLVPRGSH MGSAQQGRGR RELAPGLHLR GIRDAGGRYC            QEQDLCCRGR ADDCALPYLG AICYCDLFCN RTVSDCCPDFWDFCLGVPPP            FPPIQGCMHG GRIYPVLGTY WDNCNRCTCQ ENRQWQCDQE PCLVDPDMIK            AINQGNYGWQ AGNHSAFWGM TLDEGIRYRL GTIRPSSSVN NMHEIYTVLN            PGEVLPTAFE ASEKWPNIH EPLDQGNCAG SWAFSTAAVA SDRVSIHSLG            HMPVLS PQN LLSCDTHQQQGCRGGRDGA WWFLRRRGVV SDHCYPFSGR            ERDEAGPAPP CMMHSRAMGR GKRQATAHCP NSYVNNNDIY QVTPVYRLGS</p>

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NDKEIMKELM ENGPVQALME VHEDFFLYKG GIYSHTPVSL GRPERYRRHG  
 THSVKITGWG EETLPDGRRL KYWTAANSWG PAWGERGHFR  
 IVRGVNECDIESFVLGVWGR VGMEDMGHH

**Purity** >85% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.25 mg/ml

## 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](#)

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<b>UniProt ID</b>	Q9GZM7
<b>Chromosome Location</b>	1p34.3
<b>Function</b>	cysteine-type endopeptidase activity; extracellular matrix structural constituent; laminin binding; polysaccharide binding; scavenger receptor activity;

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