

Recombinant Human TINAGL1, His-tagged

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

SPECIFICATION

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

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NDKEIMKELM ENGPVQALME VHEDFFLYKG GIYSHTPVSL GRPERYRRHG
 THSVKITGWG EETLPDGRTL 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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UniProt ID	Q9GZM7
Chromosome Location	1p34.3
Function	cysteine-type endopeptidase activity; extracellular matrix structural constituent; laminin binding; polysaccharide binding; scavenger receptor activity;

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