

Product Data Sheet

Recombinant Human TINAGL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2392	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human TINAGL1 Protein is produced by Mammalian expression system and the target gene encoding Ala22-His467 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, 0.05% Brij35, pH7.5.		
Gene Symbol	TINAGL1		
Alternative Names	GIS5; LCN7; OLRG2; TINAGL; Tubulointerstitial nephritis antigen-like; Glucocorticoid-inducible protein 5; Oxidized LDL-responsive gene 2 protein; OLRG-2; Tubulointerstitial nephritis antigen-related protein; TIN Ag-related protein; TIN-Ag-RP		
Entrez Gene	64129 (Human)		
SwissProt	Q9GZM7 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	AQQGRGRREL APGLHLRGIR DAGGRYCQEQ DLCCRGRADD CALPYLGAIC YCDLFCNRTV SDCCPDFWDF CLGVPPPFPP IQGCMHGGRI YPVLGTYWDN CNRCTCQENR QWQCDQEPCL VDPDMIKAIN QGNYGWQAGN HSAFWGMTLD EGIRYRLGTI RPSSVMMNMH EIYTVLNPG E VLPTAFEASE KWPNIHEPL DQGN CAGSWA FSTA AVASDR VSIHSLGHMT PVLSPQNLLS CDTHQQQGCR GGRLDGAWWF LRRRGVVSDH CYPFSGRERD EAGPAPPCMM HSRAMGRGKR QATAHCPNSY VNNNDIYQVT PVYRLGSNDK EIMKELMENG PVQALMEVHE DFFLYKGGIY SHTPVSLGRP ERYRRHGTHS VKITGWGEET LPDGRTLKYW TAANSWGP AW GERGHFRIVR GVNECDIESF		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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VLGVWGRVGM EDMGHHVDHH HHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

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. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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