

AR51116PU-N

Human TINAGL1 (22-467, His-tag) - Purified

Alternate names:

GIS5, Glucocorticoid-inducible protein 5, LCN7, OLRG-2, OLRG2, Oxidized LDL-responsive gene 2 protein, PP6614, PSEC0088, TIN Ag-related protein, TIN-Ag-RP, TINAGL, Tubulointerstitial nephritis antigen-like, Tubulointerstitial nephritis antigen-related protein, UNQ204/PRO230

Quantity:

0.25 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q9GZM7](#)

NCBI:

[NP_071447](#)

GeneID:

[64129](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Description:

Recombinant human TINAGL1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSAAQGRGR RELAPGLHLR GIRDAGGRYC QEQDLCCRGR
ADDICALPYLG AICYCDLFCN RTVSDCCPDF WDFCLGVPPP FPPIQGCMHG GRIYPVLGTY
WDNCNRCTCQ ENRQWQCDQE PCLVDPDMIK AINQGNYGWQ AGNHSFAWGM TLDEGIYRL
GTIRPSSSVN NMHEIYTVLN PGEVLPTAFE ASEKWPNIH EPLDQGNACG SWAFSTAAVA
SDRVSIHSLG HMTPLVSPQN LLSCDTHQQQ GCRGGRLDGA WWFLRRRGVV SDHCYPFSGR
ERDEAGPAPP CMMHSRAMGR GKRQATAHCP NSYVNNNDIY QVTPVYRLGS NDKEIMKELM
ENGPVQALME VHEDFFLYKG GIYSHTPVSL GRPERYRRHG THSVKITGWG EETLPDGRTL
KYWTAANSWG PAWGERGHFR IVRGVNECDI ESFVLGVWGR VGMEDMGHH

Molecular weight: 52.5 kDa (469aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Bromme NC, Wex T, et al. (2000). Biochem Biophys Res Commun. 271(2):474-80. Wex T, Lipyansky A, et al. (2001). Biochemistry. 40(5):1350-7.

Pictures:

