
Product Data Sheet

Product Name: TINAGL1 Human
 Cat. No.: GP24839
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Tubulointerstitial nephritis antigen-like isoform 1; TINAGL1; Tubulointerstitial nephritis antigen-like; Glucocorticoid-inducible protein 5; OxidizedLDL-responsive gene 2 protein; OLRG-2; Tubulointerstitial nephritis antigen-related protein; TIN Ag-related protein; TIN-Ag-RP; GIS5; LCN7; OLRG2; TINAGL; PP6614; PSEC0088; UNQ204/PRO230.		
Amino Acid Sequence	800x600 MGSSHHHHH SSGLVPRGSH MGSAQQGRGR RELAPGLHLR GIRDAGGRYC QEQDLCCRGR ADDCALPYLGAICYCDLFCN RTVSDCCPDF WDFCLGVPPP FPPIQGCMHG GRIYPVLGTY WDNCNRCTCQ ENRQWQCDQEPCLVDPDIK AINQGNYGWQ AGNHSAFWGM TLDEGIRYRL GTIRPSSSVM NMHEIYTVLN PGEVLPTAFEASEKWPNIH EPLDQGNCAG SWAFSTAAVA SDRVSIHSLG HMTPLVSPQN LLSCDTHQQQ GCRGGRLDGAWWFLRRRGVV SDHCYPFSGR ERDEAGPAPP CMMHSRAMGR GKRQATAHCP NSYVNNNDIY QVTPVYRLGSNDKEIMKELM ENGPVQALME VHEDFFLYKG GIYSHTPVSL GRPERYRRHG THSVKITGWG EETLPDGRTLKYWTAANSWG PAWGERGHFR IVRGVNECDI ESFVLGVWGR VGMEDMGHH.		
Formulation	The TINAGL1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

Tubulointerstitial Nephritis Antigen Like 1 also known as TINAGL1 is similar in sequence to tubulointerstitial nephritis antigen, a secreted glycoprotein which is identified by antibodies in several types of immune-related tubulointerstitial nephritis. Three transcript variants encoding different isoforms are known for TINAGL1.

Caution: Product has not been fully validated for medical applications. For research use only.

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Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

800x600 TINAGL1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 469 amino acids (22-467) and having a molecular mass of 52.5 kDa. TINAGL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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