
Product Data Sheet

Product Name: TINAGL1 Human, Sf9
 Cat. No.: GP24840
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
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; Oxidized LDL-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	ADLAQQGRGR RELAPGLHLR GIRDAGGRYC QEQLCCRGR ADDCALPYLG AICYCDLFCN RTVSDCCPDF WDFCLGVPPP FPPIQGCMHG GRIYPVLGTY WDNCNRCTCQ ENRQWQCDQE PCLVDPDMIK AINQGNYGWQ AGNHSAFWGM TLDEGIRYRL GTIRPSSSV NMHEIYTVLN PGEVLPTAFE ASEKWPNIH EPLDQGNCAG SWAFSTAAVA SDRVSIHSLG HMTPVLSPQN LLSCDTHQQQ GCRGGRLDGA WWFLRRRGVV SDHCYPFSGR ERDEAGPAPP CMMHSRAMGR GKRQATAHCP NSYVNNNDIY QVTPVYRLGS NDKEIMKELM ENGPVQALME VHEDFFLYKG GIYSHTPVSL GRPERYRRHG THSVKITGWG EETLPDGR TL KYWTAANSWG PAWGERGHFR IVRGVNECDI ESFVLGVWGR VGMEDMGHHH HHHHH.		
Formulation	TINAGL1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4), 30% glycerol and 1mM DTT.		

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.

Stability

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

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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

TINAGL1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 455 amino acids (22-467a.a.) and having a molecular mass of 51.2kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). TINAGL1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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