

TINAGL1 Protein, Human, Recombinant (His)

General Information

Synonyms:	LCN7;Tubulointerstitial nephritis antigen-like (TINAGL1);Oxidized LDL-responsive gene 2 protein;GIS5;Glucocorticoid-inducible protein 5;TIN Ag-related protein;OLRG2 and TINAGL; Tubulointerstitial nephritis antigen-related protein
Protein Construction:	Ala22-His467
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q9GZM7
Molecular Weight:	55-60 KDa (reducing condition)
AA Sequence:	Ala22-His467

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 10% Glycerol, 0.05% Brij35, pH 7.5.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

TINAGL1 is a secreted protein and contains one SMB (somatomedin-B) domain. TINAGL1 is expressed in aorta, lymph nodes, heart, bone marrow, placenta, lung, kidney, skeletal muscle, pancreas, thyroid, adrenal gland and so on. TINAGL1 may be implicated in the adrenocortical zonation and in mechanisms for repressing the CYP11B1 gene expression in adrenocortical cells.

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