



Recombinant Protein Technical Manual

Recombinant Human TINAGL1 Protein (His Tag)

RPES1565

Product Data:

Product SKU: RPES1565

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q9GZM7

Protein Information:

Molecular Mass: 51.1 kDa

AP Molecular Mass: 52 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, 2 mM DTT, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Tubulointerstitial nephritis antigen-like (TINAGL1); also known as Glucocorticoid-inducible protein 5; Oxidized LDL-responsive gene 2 protein; TIN Ag-related protein; Tubulointerstitial nephritis antigen-related protein; GIS5; LCN7; OLRG2 and TINAGL

Immunogen Information:

Sequence: Ala22-His467

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.