

Recombinant human TINAGL1 protein

Catalog Number: ATGP2292

PRODUCT INFORMATION

Expression system

E.coli

Domain

22-467aa

UniProt No.

Q9GZM7

NCBI Accession No.

NP_071447

Alternative Names

Tubulointerstitial nephritis antigen-like isoform 1

PRODUCT SPECIFICATION

Molecular Weight

52.5 kDa (469aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSAQQGRGR RELAPGLHLR GIRDAGGRYC SEQDLCCRGR ADDCALPYLG

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AICYCDLFCN RTVSDCCPDF WDFCLGVPPP FPPIQGCMHG GRIYPVLGTY WDNCNRCTCQ ENRQWQCDQE PCLVDPDMIK
AINQGNYGWQ AGNHSAFWGM TLDEGIRYRL GTIRPSSVM NMHEIYTVLN PGEVLPTAFAF ASEKWPNLH EPLDQGNCA
SWAFSTAAVA SDRVSIHSLG HMTPVLSPQN LLSCDTHQQQ GCRGGRLDGA WWFLRRRGVV SDHCYPFSGR
ERDEAGPAPP CMMHSRAMGR GKRQATAHCP NSYVNNNDIY QVTPVYRLGS NDKEIMKELM ENGPVQALME VHEDFFLYKG
GIYSHTPVSL GRPERYRRHG THSVKITGWG EETLPDGRTL KYWTAANSWG PAWGERGHFR IVRGVNECDI ESFVLGVWGR
VGMEDMGHH

General References

- 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.

DATA

SDS-PAGE

