

Recombinant Human NBL1 protein (rFc Tag)(HPLC verified)

Catalog Number: Eg2940

Basic Information

Species:
Human**Purity:**
>90 %, SDS-PAGE
 >90 %, SEC-HPLC**Tag:**
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE
 >90 %, SEC-HPLC**Endotoxin Level:**
<0.1 EU/ µg protein, LAL method**Source:**
HEK293-derived Human NBL1 protein Ala17-Asp181 (Accession# P41271-1) with a rabbit IgG Fc tag at the C-terminus.**GeneID:**
4681**Accession:**
P41271-1**Predicted Molecular Mass:**
43.7 kDa**SDS-PAGE:**
45-55 kDa, reducing (R) conditions**Formulation:**
Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

NBL1 (neuroblastoma suppression of tumorigenicity 1), also named as DAN, is the founding member of the DAN subfamily. It was originally identified as a putative tumor suppressor gene in a transformed fibroblast rat model, whereby it was significantly down-regulated in v-src-transformed rat fibroblasts. The MW of this protein is 19 kDa, and this antibody specially recognises the 19 kDa protein.

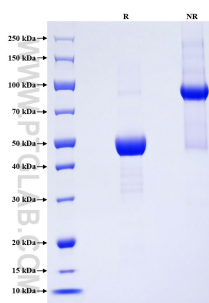
References

1. Tsai CH. et al. (2023) Biomolecules. 13(11):1570.
2. Ladenstein R. et al. (2018) Lancet Oncol. 19(12):1617-1629.
3. Lu L. et al. (2022) Oncogenesis. 11(1):21.
4. Du J. et al. (2023) Thorac Cancer. 14(30):3032-3041.
5. Wang A. et al. (2022) Parasitol Res. 121(5):1369-1378.

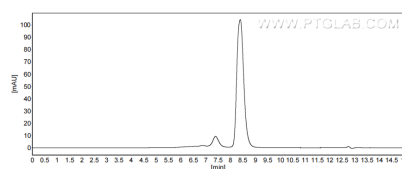
Synonyms

D1S1733E, DAN, DAND1, NB, Neuroblastoma suppressor of tumorigenicity 1

Selected Validation Data



Purity of Recombinant Human NBL1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.



The purity of Human NBL1 was greater than 90% as determined by SEC-HPLC.