

General Information

Gene Name Synonym

Cytosolic 5'-nucleotidase 3; Cytosolic 5'-nucleotidase III; Pyrimidine 5'-nucleotidase 1; Uridine 5'-monophosphate hydrolase 1; p36

Protein Construction

A DNA sequence encoding the mature form of human NT5C3 (NP_001002010) (Met 12-Leu 297) was expressed.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 92 % as determined by SDS-PAGE

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met 12

Molecular Mass

The recombinant human NT5C3 consists of 286 amino acids and predicts a molecular mass of

32.7KDa. It migrates as an approximately 32 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

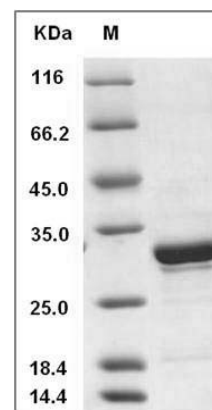
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human NT5C3 Protein SDS-PAGE