

Mouse Contactin 5/CNTN5 (His Tag) recombinant protein



Catalog Number: 501488

General Information

Gene Name Synonym

Neural recognition molecule NB-2

Protein Construction

A DNA sequence encoding the mouse CNTN5 (P68500) (Met1-Gln1058) was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by the ability of the immobilized protein to support the adhesion of C6 cells.

When 5×10^4 cells/well are added to CNTN5 coated plates ($0.8 \mu\text{g/mL}$ and $100 \mu\text{L/well}$), approximately $>70\%$ cells will adhere specifically after 60 minutes at 37°C .

Purity

$> 85\%$ as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Leu 24

Molecular Mass

The recombinant mouse CNTN5 comprises 1046 amino acids and has a predicted molecular mass of 115.2 kDa. The apparent molecular mass of the protein is approximately 118 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

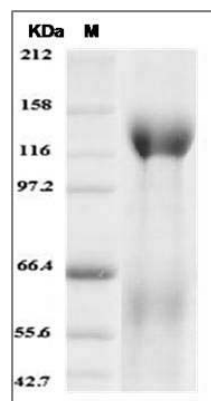
Storage

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



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