

## General Information

### Gene Name Synonym

Protein Flrt2

### Protein Construction

A DNA sequence encoding the mouse FLRT2 (Q8BLU0) (Met1-Ser539) 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 Neuro-2A mouse neuroblastoma cells.

When cells are added to coated plates (5 µg/mL, 100 µL/well), approximately 50%-70% will adhere for 1 hour incubation at 37°C.

### Purity

> 95 % 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

Cys 36

### Molecular Mass

The recombinant mouse FLRT2 comprises 515 amino acids and has a predicted molecular mass of 57.6 kDa. The apparent molecular mass of the protein is approximately 68-78 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

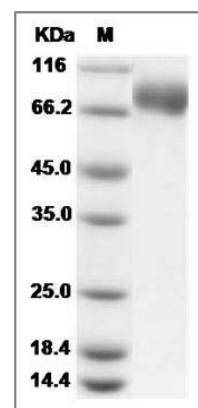
### Storage

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



Mouse FLRT2 Protein (His Tag) SDS-PAGE