

## Recombinant Mouse SH3Y1 Protein(Sumo Tag)

Catalog Number: PDEM100137

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

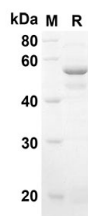
### Description

Species	Mouse
Source	E.coli-derived Mouse Sh3yl1 protein Met1-Asn340, with an N-terminal Sumo
Calculated MW	50.3 kDa
Observed MW	55 kDa
Accession	O08641
Bio-activity	Not validated for activity

### Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

### Data



SDS-PAGE analysis of Mouse Sh3yl1 proteins, 2 µg/lane of Recombinant Mouse Sh3yl1 proteins was resolved with an SDS-PAGE under reducing conditions, showing bands at 50.3 KD

### Background

Differential screening of mouse skin cDNA libraries identified cDNA encoding a protein containing a Src homologous 3 (SH3) domain, a novel protein containing a SH3 domain at the carboxyl terminus, and reporting gene expression patterns during the hair growth cycle. The protein shows significant homology with an the yeast protein YHRO 16c/Ysc 84 in its amino and carboxyl terminus, suggesting that it may be a mouse homolog of the yeast protein. Therefore, we name it the Sh3 domain YSC-like 1, Sh3yl1.

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