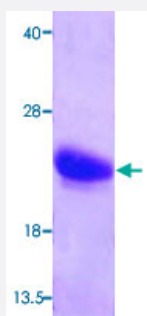


# Shh (Mouse) Recombinant Protein

Catalog # P4339      Size 100 ug

## Applications



## Specification

|                                |                                                                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Mouse Shh (NP_033196, 25 a.a. - 198 a.a.) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .                                                                     |
| <b>Sequence</b>                | MCGPGRGFGKRRHPKKLTPLAYKQFIPNVAEKTLGASGRYEGKITRNSERFKELTPNYPDIIFKDE<br>ENTGADRLMTQRCKDKLNALAISVMNQWPGVKLRVTEGWDEDGHHSEESLHYEGRAVDITTSR<br>DRSKYGMLARLAVEAGFDWVYYESKAHIHCSVKAENSVAAKSGGLEHHHHHH |
| <b>Host</b>                    | Escherichia coli                                                                                                                                                                              |
| <b>Theoretical MW (kDa)</b>    | 20.8                                                                                                                                                                                          |
| <b>Form</b>                    | Liquid                                                                                                                                                                                        |
| <b>Preparation Method</b>      | <i>Escherichia coli</i> expression system                                                                                                                                                     |
| <b>Purification</b>            | Conventional Chromatography                                                                                                                                                                   |
| <b>Concentration</b>           | 1 mg/mL                                                                                                                                                                                       |
| <b>Purity</b>                  | > 95% by SDS-PAGE                                                                                                                                                                             |
| <b>Quality Control Testing</b> | 15% SDS-PAGE Stained with Coomassie Blue                                                                                                                                                      |
| <b>Storage Buffer</b>          | In 20 mM Tris-HCl buffer, pH 8.0 (10% glycerol, 1 mM DTT).                                                                                                                                    |

**Storage Instruction**

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — Shh

|               |                       |
|---------------|-----------------------|
| Entrez GeneID | <a href="#">20423</a> |
|---------------|-----------------------|

|                    |                           |
|--------------------|---------------------------|
| Protein Accession# | <a href="#">NP_033196</a> |
|--------------------|---------------------------|

|           |     |
|-----------|-----|
| Gene Name | Shh |
|-----------|-----|

|            |                                             |
|------------|---------------------------------------------|
| Gene Alias | 9530036O11Rik, Dsh, Hhg1, Hx, Hxl3, M100081 |
|------------|---------------------------------------------|

|                  |                |
|------------------|----------------|
| Gene Description | sonic hedgehog |
|------------------|----------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Other Designations | OTTMUSP00000023583 hemimelic extra toes short digits |
|--------------------|------------------------------------------------------|