# Recombinant Mouse Hopx protein, His & T7-tagged

**Cat. No.** Hopx-7861M **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Recombinant Mouse Hopx aa. (Glu11~Asp73 (Accession # Q8R1H0)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | Glu11~Asp73 |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 11.1kDa. |
| **Endotoxin** | <1.0EU per 1ug (determined by the LAL method) |
| **Purity** | >95% |
| **Characteristic** | The isoelectric point is 4.8. |
| **Applications** | SDS-PAGE; WB; ELISA; IP. |
| **Stability** | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the |

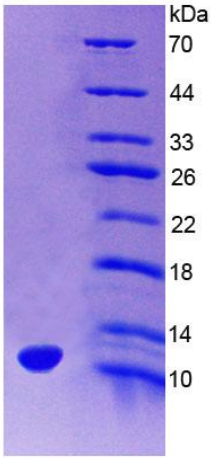
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| | Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| **Storage Buffer** | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl. |
| **Reconstitution** | Reconstitute in sterile PBS, pH7.2-pH7.4. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | Hopx HOP homeobox [ Mus musculus (house mouse) ] |
| **Official Symbol** | Hopx |
| **Synonyms** | Hopx; HOP homeobox; Hod; Hop; Ob1; Obl; Hdop; Toto; Cameo; AI848177; AW490897; 1110018K11Rik; 1200015P04Rik; 2300002F06Rik; homeodomain-only protein; homeobox only domain; homeobox-only protein; mOB1; odd homeobox 1; odd homeobox protein 1 |
| **Gene ID** | 74318 |
| **mRNA Refseq** | NM_001159900.1 |
| **Protein Refseq** | NP_001153372.1 |
| **UniProt ID** | Q8R1H0 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| **SDS-PAGE** | <br>15% SDS-PAGE |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA