

## Recombinant Mouse Hax1 Protein, Myc/DDK-tagged

**Cat. No.** Hax1-3362M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length HCLS1 associated X-1 (cDNA clone MGC:5838 IMAGE:3582652), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | Recruits the Arp2/3 complex to the cell cortex and regulates reorganization of the cortical actin cytoskeleton via its interaction with KCNC3 and the Arp2/3 complex. Slows down the rate of inactivation of KCNC3 channels. Promotes GNA13-mediated cell migration. Involved in the clathrin-mediated endocytosis pathway. May be involved in internalization of ABC transporters such as ABCB11. May inhibit CASP9 and CASP3. Promotes cell survival. May regulate intracellular calcium pools. |
| <b>Molecular Mass</b>   | 31.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Hax1 HCLS1 associated X-1 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Hax1](#)

**Synonyms** Hax1; HCLS1 associated X-1; HAX-; Hs1b; Silg; HAX-1; mHAX-; Hs1bp1; SIG-111; Silg111; mHAX-1s; HSP1BP-1; HCLS1-associated protein X-1; HS1 binding protein; HS1-associated protein X-1; HS1-associating protein X-1

**Gene ID** [23897](#)

**mRNA Refseq** [NM\\_011826](#)

**Protein Refseq** [NP\\_035956](#)

**UniProt ID** [O35387](#)

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