



Recombinant Rabbit Homeobox expressed in ES cells 1 (HESX1)

| | |
|--------------------------|---|
| Product Code | CSB-BP010314RB |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O97670 |
| Product Type | Recombinant Protein |
| Immunogen Species | Oryctolagus cuniculus (Rabbit) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MSPNLQEGAR LVEGKPSSTS FSIESILGLD QKKDDAPSMK PHRPWADTCS SLGKDANLRL HVPSFPNGIS FPHPGDHPMP EERAMKYENY FSASERASLK RELNWYRGRR PRTAFTQNQV EVLENVFRVN CYPGIDIRED LARKLNLEED RIQIWFQNRK AKLKRSHRES QFLMA |
| Source | Baculovirus |
| Target Names | HESX1 |
| Protein Names | Recommended name: Homeobox expressed in ES cells 1 Alternative name(s): Homeobox protein ANF |
| Expression Region | 1-175 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full length protein |
| Target Details | This gene encodes a conserved homeobox protein that is a transcriptional repressor in the developing forebrain and pituitary gland. Mutations in this gene are associated with septooptic dysplasia, HESX1-related growth hormone deficiency, and combined pituitary hormone deficiency. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |