



Recombinant Mouse Homeobox expressed in ES cells 1 (Hesx1)

Product Code	CSB-EP717221MO-B
Abbreviation	Hesx1
Storage	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.
Uniprot No.	Q61658
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MSPSLREGAQ LRESKPAPCS FSIESILGLD QKKDCTTSVR PHRPWTDTCG DSEKGGNPPL HAPDLPSETS FPCPVDHPRP EERAPKYENY FSASETRSLK RELSWYRGRR PRTAFTQNQV EVLENVFRVN CYPGIDIREL LAQKLNLEED RIQIWFQNRK AKMKRSRRES QFLMAKKPFN PDLLK
Source	E.coli
Target Names	Hesx1
Protein Names	Recommended name: Homeobox expressed in ES cells 1 Alternative name(s): Anterior-restricted homeobox protein Homeobox protein ANF Rathke pouch homeo box
Expression Region	1-185
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



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