



Recombinant Mouse Transcription factor HES-5 (Hes5)

Product Code	CSB-YP010311MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70120
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MAPSTVAVEM LSPKEKNRLR KPVVEKMRRD RINSSIEQLK LLEQEFARH QPNSKLEKAD ILEMAVSYLK HSKAFAAAAAG PKSLHQDYSE GYSWCLQEAV QFLTSHAASD TQMKLLYHFQ RPPAPAAPAK EPPAPGAAPQ PARSSAKAAA AAVSTSRQPA CGLWRPW
Source	Yeast
Target Names	Hes5
Protein Names	Recommended name: Transcription factor HES-5 Alternative name(s): Hairy and enhancer of split 5
Expression Region	1-167
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 member of a family of basic helix-loop-helix transcriptional repressors. The protein product of this gene, which is activated downstream of the Notch pathway, regulates cell differentiation in multiple tissues. Disruptions in the normal expression of this gene have been associated with developmental diseases and cancer.
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.