



# Recombinant Mouse Transcription factor HES-5 (Hes5)

<b>Product Code</b>	CSB-EP010311MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P70120
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAPSTVAVEM LSPKEKNRLR KPVVEKMRRD RINSSIEQLK LLEQEFARH QPNSKLEKAD ILEMAVSYLK HSKAFAAAAAG PKSLHQDYSE GYSWCLQEAV QFLT LHAASD TQMKLLYHFQ RPPAPAAPAK EPPAPGAAPQ PARSSAKAAA AAVSTSRQPA CGLWRPW
<b>Source</b>	E.coli
<b>Target Names</b>	Hes5
<b>Protein Names</b>	Recommended name: Transcription factor HES-5 Alternative name(s): Hairy and enhancer of split 5
<b>Expression Region</b>	1-167
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.