Recombinant Rat Transcription factor HES-1 (Hes1)

Product Code	CSB-YP010307RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q04666
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MPADIMEKNS SSPVAATPAS VNTTPDKPKT ASEHRKSSKP IMEKRRRARI NESLSQLKTL ILDALKKDSS RHSKLEKADI LEMTVKHLRN LQRAQMTAAL STDPSVLGKY RAGFSECMNE VTRFLSTCEG VNTEVRTRLL GHLANCMTQI NAMTYPGQAH PALQAPPPPP PSGPGGPQHA PFAPPPPLVP IPGGAAPPPG SAPCKLGSQA GEAAKVFGGF QVVPAPDGQF AFLIPNGAFA HSGPVIPVYT SNSGTSVGPN AVSPSSGSSL TADSMWRPWR N
Source	Yeast
Target Names	Hes1
Protein Names	Recommended name: Transcription factor HES-1 Alternative name(s): Hairy and enhancer of split 1 Hairy-like protein RHL
Expression Region	1-281
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 protein belongs to the basic helix-loop-helix family of transcription factors. It is a transcriptional repressor of genes that require a bHLH protein for their transcription. The protein has a particular type of basic domain that contains a helix interrupting protein that binds to the N-box rather than the canonical E-box.
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.