Recombinant Rat Neurogenic differentiation factor 2 (Neurod2)

Product Code	CSB-YP733958RA
Abbreviation	Neurod2
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.	Q63689
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MLTRLFSEPG LLSDVPKFAS WGDGDDDEPR SDKGDAPPQP PPAPGSGAPG PARATKPVSL RGEEVPEPTL AEVKEEGELG GEEEEEEEEE EGLDEAEGER PKKRGPKKRK MTKARLERSK LRRQKANARE RNRMHDLNAA LDNLRKVVPC YSKTQKLSKI ETLRLAKNYI WALSEILRSG KRPDLVSYVQ TLCKGLSQPT TNLVAGCLQL NSRNFLTEQG ADGAGRFHGS GGPFAMHPYP YPCSRLAGDQ CQAAGGLGGG AAHALRTHGY CAAYETLYAA AGGGGASPDY NSSEYEGPLS PPLCLNGNFS LKQDSSPDHE KSYHYSMHYS ALPGSRPAGH GLVFGSSAVR GGVHSENLLS YDMHLHHDRG PMYEELNAFF HN
Source	Yeast
Target Names	Neurod2
Protein Names	Recommended name: Neurogenic differentiation factor 2 Short name= NeuroD2 Alternative name(s): Brain bHLH protein KW8
Expression Region	1-382
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 the neuroD family of neurogenic basic helix-loop-helix (bHLH) proteins. Expression of this gene can induce transcription from neuron-specific promoters, such as the GAP-43 promoter, which contain a specific DNA sequence known as an E-box. The product of the human gene can induce neurogenic differentiation in non-neuronal cells in Xenopus embryos, and is thought to play a role in the determination and maintenance of neuronal cell fates.
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.