



Recombinant Mouse Achaete-scute homolog 2 (Ascl2)

Product Code	CSB-BP002200MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35885
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MEAHLDWYGV PGLQEASDAC PRESCSSALP EAREGANVHF PPHPVPREHF SCAAPELVAG AQGLNASLMD GGALPRLMPT SSGVAGACAA RRRQASPELL RCSRRRRSGA TEASSSSAAV ARRNERERNR VKLVNLGFQA LRQHVPHGGA NKKLSKVETL RSAVEYIRAL QRLLAEHDAV RAALAGLLT PATPPSDECA QPSASPASAS LSCASTSPSP DRLGCSEPTS PRSAYSSEES SCEGELSPME QELLDFFSSWL GGY
Source	Baculovirus
Target Names	Ascl2
Protein Names	Recommended name: Achaete-scute homolog 2 Short name= ASH-2 Short name= mASH-2 Short name= mASH2
Expression Region	1-263
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 is a member of the basic helix-loop-helix (BHLH) family of transcription factors. It activates transcription by binding to the E box (5 - CANNTG-3). Dimerization with other BHLH proteins is required for efficient DNA binding. Involved in the determination of the neuronal precursors in the peripheral nervous system and the central nervous system.
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.