



Recombinant Mouse Achaete-scute homolog 2 (Ascl2)

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| Product Code | CSB-MP002200MO |
| 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 | <p>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</p> |
| Source | Mammalian cell |
| 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. |