



# Recombinant Human Achaete-scute homolog 2 (ASCL2)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-BP860358HU  |
| <b>Abbreviation</b>      | ASCL2   |
| <b>Storage</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.   |
| <b>Uniprot No.</b>       | Q99929  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MDGGTLPRSA PPAPPVPVGC AARRRPASPE LLRCSRRRRP ATAETGGGAA AVARRNERER NRVKLVNLGF QALRQHVPHG GASKKLSKVE TLRSAVEYIR ALQRLLAEHD AVRNALAGGL RPQAVRPSAP RGPPGTTPVA ASPSRASSSP GRGGSSEPGS PRSAYSSDDS GCEGALSPAE RELDFSSWL GGY   |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | ASCL2   |
| <b>Protein Names</b>     | Recommended name: Achaete-scute homolog 2 Short name= ASH-2 Short name= hASH2 Alternative name(s): Class A basic helix-loop-helix protein 45 Short name= bHLHa45 Mash2  |
| <b>Expression Region</b> | 1-193   |
| <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 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.                                      |
| <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.  |



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