



Recombinant Human Achaete-scute homolog 2 (ASCL2)

Product Code	CSB-EP860358HU
Abbreviation	ASCL2
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.	Q99929
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MDGGTLPRSA PPAPPVPVGC AARRRPASPE LLRCSRRRRP ATAETGGGAA AVARRNERER NRVKLVNLGF QALRQHVPHG GASKKLSKVE TLRSAYEYIR ALQRLAEHD AVRNALAGGL RPQAVRPSAP RGPPGTTPVA ASPSRASSSP GRGGSSEPGS PRSAYSSDDS GCEGALSPAE RELDFSSWL GGY
Source	E.coli
Target Names	ASCL2
Protein Names	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
Expression Region	1-193
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.



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