

# Recombinant Full Length Human ASCL2 Protein, GST-tagged

**Cat. No.** ASCL2-736HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human ASCL2(1 a.a. - 193 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 193 amino acids                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</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>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 46.6 kDa                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MDGGTLPRSA PPAPPVPVGC AARRRPASPE LLRCSRRRRP ATAETGGGAA<br>AVARRNERER NRVKLVNLGF QALRQHVPHG GASKKLSKVE TLRSAYEYIR<br>ALQRLLAEHD AVRNALAGGL RPQAVRPSAP RGPPGTTTPVA ASPSRASSSP<br>GRGGSSEPGS PRSAYSSDDS GCEGALSPAE RELLDFFSSWL GGY                                                                                                                                       |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);                                                                                                                                                                                                                                                                                              |

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Antibody Production; Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [ASCL2 achaete-scute complex homolog 2 \(Drosophila\) \[ Homo sapiens \]](#)

**Official Symbol** [ASCL2](#)

**Synonyms** ASCL2; achaete-scute complex homolog 2 (Drosophila); achaete scute complex (Drosophila) homolog like 2 , achaete scute complex like 2 (Drosophila); achaete-scute homolog 2; ASH2; bHLHa45; HASH2; ASH-2; achaete-scute complex-like 2; mammalian achaete/scute homologue 2; class A basic helix-loop-helix protein 45; MASH2

**Gene ID** [430](#)

**mRNA Refseq** [NM\\_005170](#)

**Protein Refseq** [NP\\_005161](#)

**MIM** [601886](#)

**UniProt ID** [Q99929](#)

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