

Recombinant Human ASCL2, GST-tagged

Cat. No. ASCL2-9926H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human ASCL2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength C-term-92a.a.

Description 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.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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

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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
Chromosome Location	11p15.5
Function	E-box binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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