Recombinant Human ASCL2 protein, GST-tagged

Cat. No. ASCL2-905H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASCL2(1 a.a. - 193 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 193 a.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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	46.6 kDa
AA Sequence	MDGGTLPRSAPPAPPVPVGCAARRRPASPELLRCSRRRRPATAETGGGAAAVARR NERERNRVKLVNLGFQALRQHVPHGGASKKLSKVETLRSAVEYIRALQRLLAEHDA VRNALAGGLRPQAVRPSAPRGPPGTTPVAASPSRASSSPGRGGSSEPGSPRSAYS SDDSGCEGALSPAERELLDFSSWLGGY
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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	Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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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