

Recombinant Human ASCL1 Protein, His-tagged

Cat. No. ASCL1-23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASCL1 Protein(NP_004307.2)(Lys84~Phe236), fused with N-terminal His Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys84~Phe236
Description	This gene encodes a member of the basic helix-loop-helix (BHLH) family of transcription factors. The protein activates transcription by binding to the E box (5'-CANNTG-3'). Dimerization with other BHLH proteins is required for efficient DNA binding. This protein plays a role in the neuronal commitment and differentiation and in the generation of olfactory and autonomic neurons. Mutations in this gene may contribute to the congenital central hypoventilation syndrome (CCHS) phenotype in rare cases.
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Notes	The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200 µg/mL
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	ASCL1 achaete-scute family bHLH transcription factor 1 [Homo sapiens (human)]
Official Symbol	ASCL1
Synonyms	ASH1; HASH1; MASH1; bHLHa46
Gene ID	429
mRNA Refseq	NM_004316.4
Protein Refseq	NP_004307.2
MIM	100790

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UniProt ID

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