Recombinant Full Length Human ASCL1 Protein, C-Flag-tagged

Cat. No. ASCL1-754HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ASCL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.3 kDa
AA Sequence	MESSAKMESGGAGQQPQPQPQQPFLPPAACFFATAAAAAAAAAAAAAQSAQQQQ QQQQQQQQAPQLRPAA DGQPSGGGHKSAPKQVKRQRSSSPELMRCKRRLNFSG FGYSLPQQQPAAVARRNERERNRVKLVNLGFAT LREHVPNGAANKKMSKVETLRS AVEYIRALQQLLDEHDAVSAAFQAGVLSPTISPNYSNDLNSMAGSPVS SYSSDEGSYDPLSPEEQELLDFTNWFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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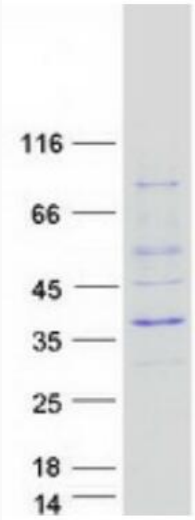
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

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	P50553



Coomassie blue staining of purified ASCL1 protein.

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