

Recombinant Human ASCL1 protein, Arginine-tagged

Cat. No. ASCL1-131H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ASCL1 protein fused with 11 arginine domain at C-terminal, which will efficiently deliver protein intracellularly, was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	ESSAKMESGGAGQQPQPQPQPFLPPAACFFATAAAAAAAAAAAAAAQAQQQQQ QQQQQQQAPQLRPAADGQPSG GGHKSAPKQVKRQRSSSPELMRCKRRLNFSGF GYSLPQQQPAAVARRNERERNRVKLVNLGFATLREHVPNGAAN KKMSKVETLRSA VEYIRALQQLLDEHDAVSAAFQAGVLSPTISPNYSNDLNSMAGSPVSSYSSDEGSYD PLSPEE QELLDFTNWFLEESGGGGSPGRRRRRRRRRRR
Purity	>90% by SDS-PAGE
Applications	1. Protein transduction for neuronal cell trans-differentiation in vitro.2. Active protein, may be used for ELISA based DNA/Protein binding assay.3. As specific protein substrate for kinase assay.4. Immunogen for specific antibody production.
Storage	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days

GENE INFORMATION

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Gene Name	ASCL1 achaete-scute complex homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	ASCL1
Synonyms	ASCL1; achaete-scute homolog 1; ASH1; bHLHa46; HASH1; ASH-1; achaete scute protein; achaete-scute complex-like 1; class A basic helix-loop-helix protein 46; MASH1;
Gene ID	429
mRNA Refseq	NM_004316
Protein Refseq	NP_004307
MIM	100790
UniProt ID	P50553
Chromosome Location	12q22-q23
Pathway	Delta-Notch Signaling Pathway, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem; SIDS Susceptibility Pathways, organism-specific biosystem;
Function	DNA binding; E-box binding; bHLH transcription factor binding; double-stranded DNA binding; protein binding; protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription factor binding transcription factor activity;

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