

Achaete-scute homolog 1 (ASCL1) Recombinant Protein | ASCL1 recombinant protein

Recombinant Human Achaete-scute homolog 1 (ASCL1)

CATALOG #
AAA114045

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Achaete-scute homolog 1 (ASCL1); Recombinant Human Achaete-scute homolog 1 (ASCL1); ASCL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-236aa; Full Length
Sequence	MESSAKMESG GAGQQPQPQP QQPFLPPAAC FFATAAAAAA AAAAAAQA QQQQQQQQQQ QQAPQLRPAA DGQPSGGG HK SAPKQVKRQR SSSPELMRCK RRLNFSGFGY SLPQQQPAV ARRNERERNR VKLVNLGFAT LREHVPNGAA NKKMSKVETL RSAVEYIRAL QQLLDEHDAV SAAFQAGVLS PTISPNYSND LNSMAGSPVS SYSSDEGSYD PLSPEEQELL DFTNWF
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for ASCL1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55743094
NCBI GeneID	429
NCBI Accession #	NP_004307.2
NCBI GenBank Nucleotide #	NM_004316.3
UniProt Accession #	P50553; Q9BQ30; A8K3C4
Molecular Weight	25,454 Da
NCBI Official Full Name	achaete-scute homolog 1
NCBI Official Synonym Full Names	achaete-scute family bHLH transcription factor 1
NCBI Official Symbol	ASCL1
NCBI Official Synonym Symbols	ASH1; HASH1; MASH1; bHLHa46

NCBI Protein Information	achaete-scute homolog 1
UniProt Protein Name	Achaete-scute homolog 1
UniProt Gene Name	ASCL1
UniProt Synonym Gene Names	bHLHa46

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ascl1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114045>