

Recombinant Human ASCC1, His-tagged

Cat. No. ASCC1-2303H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ASCC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	380aa
Description	ASCC1 is a subunit of the activating signal cointegrator 1 (ASC-1) complex. The ASC-1 complex is a transcriptional coactivator that plays an important role in gene transactivation by multiple transcription factors including activating protein 1 (AP-1), nuclear factor kappa-B (NF-kB) and serum response factor (SRF). The protein contains an N-terminal KH-type RNA-binding motif which is required for AP-1 transactivation by the ASC-1 complex. Mutations in ASCC1 are associated with Barrett esophagus and esophageal adenocarcinoma.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	43.6 kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEVLRPQ LIRIDGRNYR KNPVQEQTQYQ HEEDEEDFYQ GSMECADEPC DAYEVEQTPQ GFRSTLRAPS LLYKHIVGKR GDTRKKIEME TKTSISIPKP GQDGEIVITG QHRNGVISAR TRIDVLLDTF

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RRKQPFTHFL AFFLNEVEVQ EGFLRFQEEV LAKCSMDHGV DSSIFQNPKK
 LHLTIGMLVL LSEEEIQQTC EMLQQCKEEF INDISGGKPL EVEMAGIEYM
 NDDPGMVDVL YAKVHMKDGS NRLQELVDRV LERFQASGLI VKEWNSVKLH
 ATVMNTLFRK DPNAEGRYNL YTAEGKYIFK ERESFDGRNI LKLFENFYFG
 SLKLNSIHIS QRFTVDSFGN YASCGQIDFS

Purity >90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml

GENE INFORMATION

Gene Name [ASCC1 activating signal cointegrator 1 complex subunit 1 \[Homo sapiens \]](#)

Official Symbol ASCC1

Synonyms ASCC1; activating signal cointegrator 1 complex subunit 1; ASC1p50; CGI 18; Em:AC022392.3; ASC-1 complex subunit P50; trip4 complex subunit p50; p50; CGI-18;

Gene ID [51008](#)

mRNA Refseq [NM_001198798](#)

Protein Refseq [NP_001185727](#)

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MIM	614215
UniProt ID	Q8N9N2
Chromosome Location	10pter-q25.3
Function	RNA binding;

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