9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ASCC1 Human

Activating Signal Cointegrator 1 Complex Subunit 1 Human Recombinant
RCP0125

Product Overview

Name	ASCC1 Human
Description	
Activating Signal Cointegrator 1 Complex Subunit 1 Human Recombinant	
Accession (Primary)	Q8N9N2
Synonyms	
Activating signal cointegrator 1 complex subunit 1, ASC1p50, CGI-18, p50, ASC-1 complex subunit p50, Trip4 complex subunit p50, ASCC1.	
Introduction	
ASCC1 is a subunit of the triggering signal cointegrator 1 (ASC-1) complex which is a transcriptional coactivator. ASC-1 complex takes a vital part in gene transactivation using various transcription factors such as activating protein 1 (AP-1), nuclear factor kappa-B (NF-kB) and serum response factor (SRF). ASCC1 has an N-terminal KH-type RNA-binding motif, essential for AP-1 transactivation by the ASC-1 complex. Alterations in ASCC1 result in Barrett esophagus and esophageal adenocarcinoma.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ASCC1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MEVLRPQ LIRIDGRNYR KNPVQEQTYQ HEEDEEDFYQ GSMECADEPC DAYEVEQTPQ GFRSTLRAPS LLYKHIVGKR GDTRKKIEME TKTSISIPKP GQDGEIVITG QHRNGVISAR TRIDVLLDTF RRKQPFTHFL AFFLNEVEVQ EGFLRFQEEV LAKCSMDHGV DSSIFQNPKK LHLTIGMLVL	

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LSEEEIQQTC EMLQQCKEEF INDISGGKPL EVEMAGIEYM NDDPGMVDVL YAKVHMKDGS NRLQELVDRV LERFQASGLI VKEWNSVKLH ATVMNTLFRK DPNAEGRYNL YTAEGKYIFK ERESFDGRNI LKLFENFYFG SLKLNSIHIS QRFTVDSFGN YASCGQIDFS.

Precautions

ASCC1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8N9N2)