

## 32-3252: ASCC1 Recombinant Protein

**Alternative Name :** Activating signal cointegrator 1 complex subunit 1,ASC1p50,CGI-18,p50,ASC-1 complex subunit p50,Trip4 complex subunit p50,ASCC1.

### Description

Source : Escherichia Coli. ASCC1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 380 amino acids (1-357) and having a molecular mass of 43.6 kDa. ASCC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The ASCC1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMEVLRPQ LIRIDGRNYR KNPVQEQTQYQ HEDEEDFYQ  
GSMECADEPC DAYEVEQTPQ GFRSTLRAPS LLYKHIVGKR GDTRKKIEME TKTSISIPKP GQDGEIVITG  
QHRNGVISAR TRIDVLLDTF RRKQPFTHFL AFFLNEVEVQ EGFLRFQEEV LAKCSMDHGV DSSIFQNPCK  
LHLTIGMLVL LSEEEIQQTC EMLQQCKEEF INDISGGKPL EVEMAGIEYM NDDPGMVDVL YAKVHMKDGS  
NRLQELVDRV LERFQASGLI VKEWNSVKLH ATMNTLFRK DPNAEGRYNL YTAEGKYIFK ERESFDGRNI  
LKLFFNYFG SLKLNSIHIS QRFTVDSFGN YASCGQIDFS.

