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ASCC1, 1-357aa, Human, His tag, E.coli

产品货号: TP01243

第三版

别名: Activating signal cointegrator 1 complex subunit 1, ASC1p50, CGI-18, p50

描述: 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- κ B) 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. Recombinant human ASCC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 43.6 kDa (380aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMEVLRPQLIRIDGRNYRKNPVQEQTQHEEDEEDFYQGSMECADEPCDAYEVEQ
TPQGFRSTLRAPSLLYKHIVGKRGDTRKKIEMETKTSISIPKPGQDGEIVITGQHRNGVISARTRIDVLLDTFRRKQPFTHFLA
FFLNEVEVQEGFLRFQEEVLAKCSMDHGVDSIFQNPKKLHLTIGMLVLLSEEEIQQTCEMLQCKEEFINDISGGKPLEVE
MAGIEYMNDDPGMVDVLYAKVHMKDGSNRLQELVDRVLERFQASGLIVKEWNSVKLHATVMNTLFRKDPNAEGRYN
LYTAEGKYIFKERESFDGRNLIKLFENFYFGSLKLNLSIHISQRFTVDSFGNYASCGQIDFS

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.