

Product datasheet for PH301872

ASCC1 (NM_015947) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ASCC1 MS Standard C13 and N15-labeled recombinant protein (NP_057031)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201872
Predicted MW:	41.2 kDa
Protein Sequence:	>RC201872 protein sequence Red=Cloning site Green=Tags(s)

MEVLRPQLIRIDGRNYRKNPVQEQTYQHEEEDFYQGSMECADEPCDAYEVEQTPQGFRSTLRAPSLLY
KHIVGKRGDTRKKIEMETKTSISIPKPGQDGEIVITGQHRNGVISARTRIDVLLDTFRRKQPFTHFLAFF
LNEVEVQEGFLRFQEEVLAKCSMDHGVDSIFQNPKKLHLTIGMLVLLSEEEIQQTCEMLQQCKEEFIND
ISGGKPLEVEMAGIEYMNDPPGMVDVLYAKVHMKDGSNRLQELVDRVLERFQASGLIVKEWNSVKLHATV
MNTLFRKDPNAEGRYNLYAEGKYIFKERESFDGRNLIKLFENFYFGLSLKLSIHSQRFTVDSFGNYAS
CGQIDFS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_057031</u>
RefSeq Size:	2150
RefSeq ORF:	1071
Synonyms:	ASC1p50; CGI-18; RP11-150D20.4
Locus ID:	51008



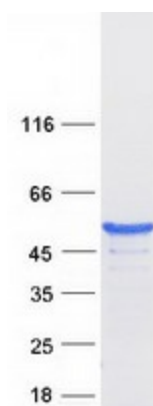
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UniProt ID: [Q8N9N2](#)

Cytogenetics: 10q22.1

Summary: This gene encodes 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 encoded protein contains an N-terminal KH-type RNA-binding motif which is required for AP-1 transactivation by the ASC-1 complex. Mutations in this gene are associated with Barrett esophagus and esophageal adenocarcinoma. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Product images:



Coomassie blue staining of purified ASCC1 protein (Cat# [TP301872]). The protein was produced from HEK293T cells transfected with ASCC1 cDNA clone (Cat# [RC201872]) using MegaTran 2.0 (Cat# [TT210002]).