

Product datasheet for TP303391

ASCC2 (NM_032204) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human activating signal cointegrator 1 complex subunit 2 (ASCC2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203391 protein sequence Red=Cloning site Green=Tags(s)

MPALPLDQLQITHKDPKTGKLRTPALHPEQKADRYFVLYKPPPKDNIPALVEEYLERATFVANDLDWLL
ALPHDKFWCQVIFDELQKCLDSYLRVPRKFDEGVASAPEVDMQKRLHRSVFLFLRMSTHKESKDH
ISPSAFGEILYNNFLFDIPKILDLCVLFVGKGNPPLLQKMIGNIFTQQPSYSDLDELPTILQVFSNILQ
HCGLQG DGANTTPQKLEERGRLTPSDMPLLELKDIVLYLCDTCTTLWAFLDIFPLACQTFQKHDFCYRLA
SFYEAAIPEMESAIAIKRRLEDSKLLGDLWQRLSHSRKKLMEIFHIILNQICLLPILESSCDNIQGFIEEF
LQIFSSLLQEKRFRLDYDALFPVAEDISLLQQASSVLDETRTAYILQAVESAWEGVDRRKATDAKDPSVI
EENGEPNGVTVAEAVSQASSHPENSEEEECMGAAA AVGPAMCGVELDSLISQVKDLLPDLGEGFILAC
LEYHYDPEQVINNILEERLAPTLSQLDRNLDREM KPDP TPLLSRHN VFQND EFDVFSRDSVDLSRVHK
GKSTRKEENTRSLNDKRAVAAQRQRYEQYSVVVEE VPLQPGESLPYHSVYYE DEYDDTYDGNQVGANDA
DSDDELISRRPFTIPQVLR TKVPREGQEEDDDDEEDDADEEAPKPDHFVQDPAVLREKAEARRMAFLAKK
GYRHDSSTAVAGSPRGHGQSRETTQERRKKEANKATRANHNRRTMADRKR SKGMIPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

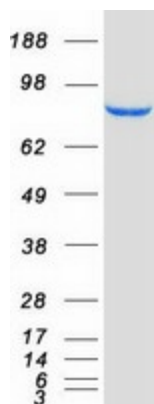
Tag:	C-Myc/DDK
Predicted MW:	86.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_115580
Locus ID:	84164
UniProt ID:	Q9H1I8 , A0A024R1F9
RefSeq Size:	2840
Cytogenetics:	22q12.2
RefSeq ORF:	2271
Synonyms:	ASC1p100; p100
Summary:	Plays a role in DNA damage repair as component of the ASCC complex. Recruits ASCC3 and ALKBH3 to sites of DNA damage by binding to polyubiquitinated proteins that have 'Lys-63'-linked polyubiquitin chains (PubMed:29144457). Part of the ASC-1 complex that enhances NF-kappa-B, SRF and AP1 transactivation (PubMed:12077347).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified ASCC2 protein (Cat# TP303391). The protein was produced from HEK293T cells transfected with ASCC2 cDNA clone (Cat# [RC203391]) using MegaTran 2.0 (Cat# [TT210002]).