

Product datasheet for TP324774M

MACC1 (NM_182762) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human metastasis associated in colon cancer 1 (MACC1), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC224774 representing NM_182762

Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MLITERKHFRSGRIAQSMSEANLIDMEAGKLSKSCNITECQDPDLLHNWPDAFTLRGNNASKVANPFWNQ
LSASNPFDDITQLRNNRKRNNISILKEDPFLFCREIENGNSFDSSGDELVDVHQLLRQTSSRNSGRSKSV
SELLDILDDTAHAHQSIHNSDQILLHDLEWLKNDREAYKMAWLSQRQLARSCLDLNTISQSPGWAQTQLA
EVTIACKVNHQGGSVQLPESDITVHVPQGHVAVGEFQEVSLRAFLDPPHMLNHDLSCTVSPLEIMLGNL
NTMEALLLEMKIGAEVRKDPFSQVMTEMVCLHSLGKEGPFKVLNENCYIYKDTIQVKLIDLSQVMYLVVAA
QAKALPSPAATIWDYIHKTTSIGIYGPKYIHPSTVVLTVCGHNYMPGQLTISDIKKGGKNISPVFQLW
GKQSFLLDKPQDLSISIFSCDPDFEVKTEGERKEIKQKLEAGEVHQQFLFSLVEHREMHLDFDCVQVE
PPNGEPVAQFSITTPDPTPNLKRLSNLPGYLQKKEEIKSAPLSPKILVKYPTFDKTLNFSNYGVTLKAV
LRQSKIDYFLEYFKGDTIALLGEGKVKAIGQSKVKEWYVGVLRGKIGLVHCKNVKVISKEQVMFMSDSVF
TTRNLLEQIVLPLKLTYYIYVWLTLVSEKVDWVKVLADVLGYSHLSLEDFDQIQADKESEKVSIVIKKL
KEDCHTERNTRKFLYELIVALLKMDQCQLVARLIQEAAVLTSAVKLGKGWRELAEKLVRLTKQQMEAYEI
PHRGNTGDVAVEMMWKPAYDFLYTWSAHYGNNYRDVLQDLQALDRMKNPVTKHWRRELTGVLILVNSLEV
LRVTAFSTSEEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 96.5 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

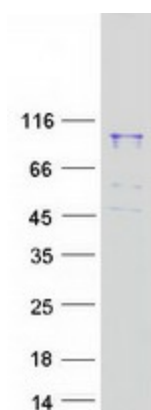
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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_877439
Locus ID:	346389
UniProt ID:	Q6ZN28
RefSeq Size:	3188
Cytogenetics:	7p21.1
RefSeq ORF:	2556
Synonyms:	7A5; SH3BP4L
Summary:	MACC1 is a key regulator of the hepatocyte growth factor (HGF; MIM 142409)-HGF receptor (HGFR, or MET; MIM 164860) pathway, which is involved in cellular growth, epithelial-mesenchymal transition, angiogenesis, cell motility, invasiveness, and metastasis. Expression of MACC1 in colon cancer (MIM 114500) specimens is an independent prognostic indicator for metastasis formation and metastasis-free survival (Stein et al., 2009 [PubMed 19098908]). [supplied by OMIM, Mar 2009]

Product images:



Coomassie blue staining of purified MACC1 protein (Cat# [TP324774]). The protein was produced from HEK293T cells transfected with MACC1 cDNA clone (Cat# [RC224774]) using MegaTran 2.0 (Cat# [TT210002]).