

Recombinant Human MACC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MACC1-5272H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MACC1 MS Standard C13 and N15-labeled recombinant protein (NP_877439) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	MACC1 is a key regulator of the hepatocyte growth factor (HGF)-HGF receptor (HGFR, or MET) pathway, which is involved in cellular growth, epithelial-mesenchymal transition, angiogenesis, cell motility, invasiveness, and metastasis. Expression of MACC1 in colon cancer specimens is an independent prognostic indicator for metastasis formation and metastasis-free survival.
Molecular Mass	96.5 kDa
AA Sequence	MLITERKHFRSGRIAQSMSEANLIDMEAGKLSKSCNITECQDPDLLHNWPDAFTLRG NNASKVANPFWNQLSASNPFLDDITQLRNNRKRNNISILKEDPFLFCREIENGNSFDS SGDELVDVHQLLRQTSSRNSGRSKSVSELLDILDDTAHAHQSIHNSDQILLHDLEWLK NDREAYKMAWLSQRQLARSCDLNLTISQSPGWAQTQLAEVTIACKVNHQGGSVQL PESDITVHVPQGHVAVGEFQEVSLRAFLDPPHMLNHDLSCTVSPILLEIMLGNLNTME ALLLEMKIGAEVRKDPFSQVMTEMVCLHSLGKEGPFKVLSCYIYKDTIQVKLIDLSQ VMYLVVAAQAKALPSPAATIWDYIHKTTSIGIYGPKYIHPSFTVVLTVCGHNYMPGQL TISDIKKGKKNISPVVFQLWGWKQSFLDKPQDLSISIFSCDPDFEVKTEGERKEIKQKQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LEAGEVVHQQLFSLVEHREMHLEDFCVQVEPPNGEPVAQFSITTPDPTPNLKRLSN
 LPGYLQKKEEIKSAPLSPKILVKYPTFQDKTLNFSNYGVTLKAVLRQSKIDYFLEYFKG
 DTIALLGEGKVKAIGQSKVKEWYVGVLRGKIGLVHCKNVKVISKEQVMFMSDSVFTT
 RNLLEQIVLPLKKLTYIYSVVLTLVSEKVYDWKVLADVGLGYSHLSLEDFDQIQADKESE
 KVSYVIKKLKEDCHTERNTRKFLYELIVALLKMDQCQLVARLIQEAAVLTSAVKLGKG
 WRELAEKLVRILTQQMEAYEIPHRGNTGDVAVEMMWKPAYDFLYTWSAHYGNNY
 RDVLQDLQSALDRMKNPVTKHWRELTGVLILVNSLEVLRVTAFSTSEEVTRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [MACC1 metastasis associated in colon cancer 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [MACC1](#)

Synonyms MACC1; metastasis associated in colon cancer 1; metastasis-associated in colon cancer protein 1; 7A5; SH3BP4L; putative binding protein 7a5; SH3 domain-containing protein 7a5;

Gene ID [346389](#)

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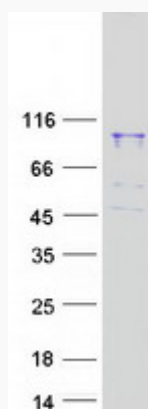
mRNA Refseq [NM_182762](#)

Protein Refseq [NP_877439](#)

MIM [612646](#)

UniProt ID [Q6ZN28](#)

SDS-PAGE



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