

## Product datasheet for TP324774L

### MACC1 (NM\_182762) Human Recombinant Protein

#### Product data:

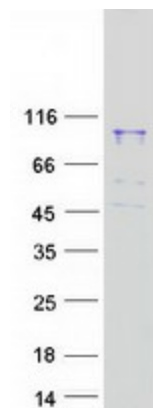
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human metastasis associated in colon cancer 1 (MACC1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224774 representing NM_182762 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MLITERKHFRSGRIAQSMSEANLIDMEAGKLSKSCNITECQDPDLLHNWPDAFTLRGNNASKVANPFWNQ LSASNPFDDITQLRNNRKRNNISILKEDPFLFCREIENGNSFDSSGDELVDVHQLLRQTSSRNSGRSKSV SELLDILDDTAHAHQSIHNSDQILLHDLEWLKNDREAYKMAWLSQRQLARSCDLNLTISQSPGWAQTQLA EVTIACKVNHQGGSVQLPESDITVHVPQGHVAVGEFQEVSLRAFLDPPHMLNHDLSCTVSPLEIMLGNL NTMEALLLEMKIGAEVRKDPFSQVMTMVLCHSLGKEGPFKVLNICYIYKDTIQVKLIDLSQVMYLVVAA QAKALPSPAATIWDYIHKTTSIGIYGPKYIHPSTVVLTVCGHNYMPGQLTISDIKKGKKNISPWFQLW GKQSFLLDKPQDLSISIFSCDPDFEVKTEGERKEIKQKLEAGEVVHQQFLFSLVEHREMHLDFDCVQVE PPNGEPVAQFSITTPDPTPNLKRSLNLPGLYKQKEEIKSAPLSPKILVKYPTFDKTLNFSNYGVTLKAV LRQSKIDYFLEYFKGDTIALLGEGKVKAIGQSKVKEWYVGLRGKIGLVHCKNVKVISKEQVMFMSDSVF TTRNLLEQIVLPLKLTYYIYVWLTLVSEKVDWVKVLADVLGYSHLSLEDFDQIQADKESEKVSIVIKKL KEDCHTERNTRKFLYELIVALLKMDQCQLVARLIQEAVALTSVAVKLGKGWRELAEKLVRLTKQQMEAYEI PHRGNTGDVAVEMMWKPAYDFLYTWSAHYGNNYRDVLQDLQALDRMKNPVTKHWRRELTGVLILVNSLEV LRVTAFSTSEEV</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_877439</a>
<b>Locus ID:</b>	346389
<b>UniProt ID:</b>	<a href="#">Q6ZN28</a>
<b>RefSeq Size:</b>	3188
<b>Cytogenetics:</b>	7p21.1
<b>RefSeq ORF:</b>	2556
<b>Synonyms:</b>	7A5; SH3BP4L
<b>Summary:</b>	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]).