

Recombinant Human MACC1 protein, His & GST-tagged

Cat. No. MACC1-1427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MACC1 aa. (Gln522-Met784 (Accession # Q6ZN28)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln522-Met784
Description	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]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.5

GENE INFORMATION

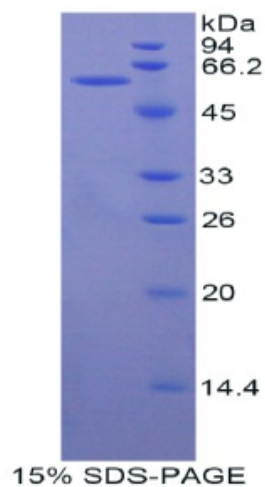
Gene Name	MACC1 MACC1, MET transcriptional regulator [Homo sapiens (human)]
Official Symbol	MACC1
Synonyms	MACC1; MACC1, MET transcriptional regulator; 7A5; SH3BP4L; metastasis-associated in colon cancer protein 1; SH3 domain-containing protein 7a5; metastasis associated in colon cancer 1; putative binding protein 7a5
Gene ID	346389
mRNA Refseq	NM_182762.3
Protein Refseq	NP_877439.3
UniProt ID	Q6ZN28

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SDS-PAGE



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