

# Product Data Sheet

## Recombinant Human MANSC1 Protein

Catalog #	Source	Reactivity	Applications
CRP1938	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human MANSC1 Protein is produced by our mammalian expression system and the target gene encoding Gln27-Leu385 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	MANSC1		
<b>Alternative Names</b>	LOH12CR3; MANSC domain-containing protein 1; Loss of heterozygosity 12 chromosomal region 3 protein		
<b>Entrez Gene</b>	54682 (Human)		
<b>SwissProt</b>	Q9H8J5 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	QNCLKKSLED VVIDIQSSLS KGIRGNEPIY TSTQEDCINS CCSTKNISGD KACNLMIFDT RKTARQPNCY LFFCPNEEAC PLKPAKGLMS YRIITDFPSL TRNLPSQELP QEDSLLHGQF SQA VTPLAHH HTDY SKPTDI SWRDTLSQKF GSSDHLEKLF KMDEASAQLL AYKEKGHSQS SQFSSDQEIA HLLPENVSAL PATVAVASPH TTSATPKPAT LLPTNASVTP SGTSQPQLAT TAPPVTTVTS QPPTTLISTV FTAAATLQA MATTAVLTTT FQAP TDSKGS LETIPFTEIS NLT LNTGNVY NPTALSMSNV ESSTMNKTAS WEGREASPGS SSQG SVPENQ YGLPFEKWLV DHHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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freeze-thaw cycles.

### Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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