

Specifications:

Gene:	hDMBT1
Accession:	unique
Insert size:	7273bp
Concentration:	10µg at 0.2µg/µL

hDMBT1/GP340 cDNA Plasmid

DMBT1 deleted in malignant brain tumors 1 [*Homo sapiens* (human)]

Also known as: SAG; GP340; SALSAs; muclin

Summary:

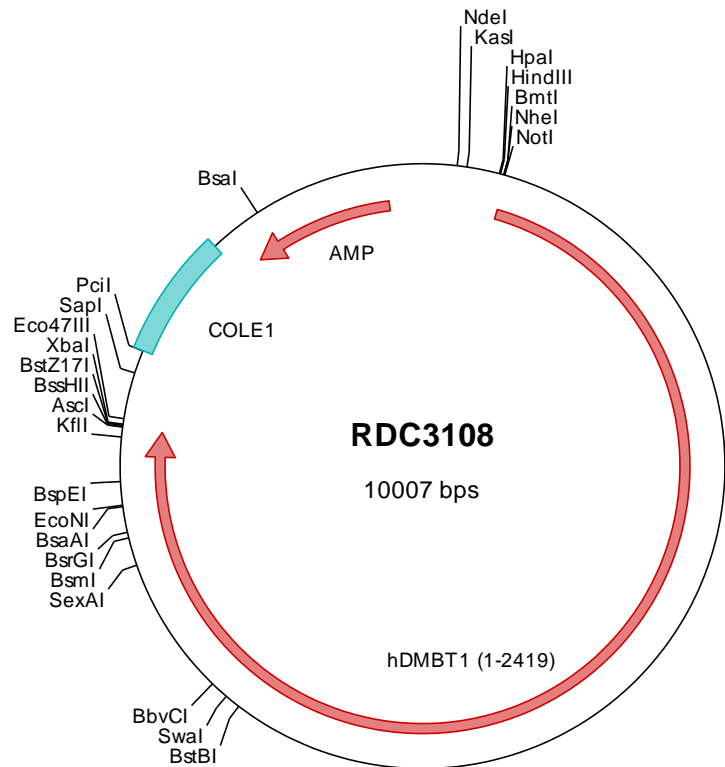
DMBT1 is a transmembrane or secreted protein of the scavenger receptor cysteine-rich (SRCR) family. It contains several SRCR and CUB domains and a zona pellucida motif. DMBT1 functions in mucosal immunity by binding bacterial, viral and endogenous proteins to aid clearance by macrophages. It is also thought to play a role in epithelial cell differentiation and tumor suppression.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping Ships at ambient temperature
Stability 1 year from date of receipt when stored at -20°C to -80°C
Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.




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8001 ggcgctcttc cgetctctcg ctcaactgact cgtcgcgctc ggtcgttcgg ctgcggcggag cgggtatcagc tcaactcaaa ggcgtaatac ggttatccac
8101 agaatcaggg gataacgcag gaaagaacat gtgagcaaaa ggccagcaaa agccagggaa ccgtaaaaag gccgcgttgc tggcgttttt ccataggtctc
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10001 tttcgtc

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> RDC3108 Translated Insert Sequence

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1 mgistvilem cllwgqvlst gwiwprttdy aslipsevp1 dptvaegspf psestlestv aegspisles tlestvaegs lipsestles tvaegsds1
101 alrlvngdgr cqrveilyr gswgtvcdds wtdndanvvc rqlgcgwams apgnawfggg sgpialdvdr csghesylws cphngw1shn cghgedagvi
201 csaaqpqstl rpeswprvir ppvptegses slalrlvngg drcrgrvevl yrsgswgtvcd dywdtndanv vcrqlgcgwa msapgnaqfg qsgspivl1dd
301 vrcsghesyl wscphngwlt hncghsedag vicsapqsrp tpspdtwpts hastagpess lalrlvnggd rcqgrvevly rgswgtvcdd swdtsdanv1v
401 crqlgcgwat sapgnarfqq gspivl1ddv rcsgyesylw scphngw1sh ncqhsedagv icsaahswst pspdtlptit lpastvgses slalrlvngg
501 drcqgrvevl yrsgswgtvcd dswdtdnanv vcrqlgcgwa mlapgnarfqq qsgspivl1dd vrcsgnesyl wscphngw1s hncghsedag vicsgpe1s1
601 alrlvngdgr cqrveilyr gswgtvcdds wtdndanvvc rqlgcgwats apgnarfqqg sgpi1ddvdr csghesylws cpnngw1shn cghhedagvi
701 csaaqsrstp rpd1st1tl ppstvgsses ltlrlvngsd rcqgrvevly rgswgtvcdd swdtdnanv crqlgcgwat sapgnarfqq gspivl1ddv
801 rcsghesylw scphngw1sh ncghhedagv icsvsqsprt pspdtwpts astagskssl alrlvnggd crqgrvevlyr gswgtvcdds wtdsdanv1v
901 rqlgcgwats apgnarfqqg sgpi1ddvdr csghesylws cphngw1shn cqhsedagvi csaahswstp rpgerprpdt lptitlpast vgsessl1alr
1001 lvnggdrcqg rvevlygsw gtvcdsdwt ndanvvc rqlgcgwams apgnarfqqg sgpi1ddvdr hesylwscph ngw1shncgh sedagvicsa
1101 sqsrtpspdt twptshasta gsessl1alrl vnggdrcqgr vevlyrgswg tvcdywdtn danvvc rqlgcgwats apgnarfqqg sgpi1ddvdr
1201 esylwscphn gw1shncghh edagvicsas qsqptpspdt wptsrastag sest1alrlv nggdrcrgrv evlyqgswgt vcddywdtnd anvvc rqlgc
1301 gwamsapgna rfggsgspiv lddvrcsghe sylwscphng w1shncghse dagvicsasq srtpspdtw ptshastags essl1alrlv nggdrcqgrve
1401 vlyrgswgtv cddywdtnda nvvc rqlgcg watsapgnarf fggsgspivl ddvrcsghes ylwscphngw lshncghhed agvicsasqs qtpspdtw1p
1501 tsrastagse st1alrlvng gdrgrgrvev lyqgswgtvc ddywdtndan vvc rqlgcg wamsapgnarf qggsgspivl ddvrcsghes ylscphngw1
1601 shncghheda gvicsaaqsq stprpdtwlt tnlpaltvgs essl1alrlv nggdrcrgrve vlyrgswgtv cddswdtnda nvvc rqlgcg wamsapgnarf
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2201 nfltaavsgg iikrrtdlri hvscrm1qnt wvdtmyiand tihvanntiq veevqygnfd vnisfytss f1ypvtsrpy yvdlngdlyv qaeilhsdav
2301 ltlfvd1cva sps1ndf1sl tydlirsgcv rddtygpys ps1riarfrf rafhflnr1p svylrckmvv craydp1src yrgcvl1skr dvgsyqekvd
2401 vvlgpiq1qt pprreeep1r

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