



Recombinant Mouse Myomegalin (Pde4dip), partial

Product Code	CSB-EP768916MO
Abbreviation	Pde4dip
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q80YT7
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	<p>MSNGYRTLSQLNDLKKENF SLKLRIYFLE ERMQQKYEVSRDVKRNI LKVEVESLKR ELQDRKQHLDTWADAEDLN SQNEAELRRQ VEERQQETEH VYELGNKIQLLQEEPRLAK NEATEMETLV EAEKRCNLEL SERWTNAAKN REDAAGDQEK PDQYSEALAQ RDRRIEELRQ SLAAQEGGLVE QLSQEKRQLL HLLEEPASME VQPVPKGLPT QKPDHETP TTQPPVSESH LAELQDKIQQ TEATNKILQE KLNDLSCELK SAQESSQKQD TTIQSLKEML KSRESETEEL YQVIEGQNDT MAKLREMLHQ SQLGQLHSSE GIAPAQQQVA LLDLQSFALFC SQLEIQRQLR LVRQKERQLA DGKRCVQLVE AAAQEREHQK EAAWKHNQEL RKALQHLQGE LHSKSQQLHV LEAEKYNEIR TQGQNIQHLS HSLSHKEQLI QELQELLQYR DNADKTLDTN EVFLEKLRQR IQDRAVALER VIDEKFSALE EKDKELRQLR LAVRDRDHDL ERLRCVLSAN EATMQSMESL LRARGLEVEQ LTATCQNLQW LKEELETKFG HWQKEQESII QQLQTSLSHDR NKEVEDLSAT LLCKLPGGQS EVAEELCQRL QRKERMLQDL LSDRNKQAVE HEMEIQGLLQ SMGTREQERQ AAAEKMVQAF MERNSELQAL RQYLGGKELM TSSQTFISNQ PAGVTSIGPH HGEQTDQGSMMQPSRDDSTS LTAREEASIP RSTLGDSDTV AGLEKELSNA KEELELMAKK ERESQMELSA LQSMAMQEE ELQVQAADLE SLTRNVQIKE DLIKDLQML VDPEDIPAME RLTQEVLLLR EKVASVEPQG QEVSGNKRQQ LLLMLEGLVD ERSRLNEALQ AERQLYSSLV KFHAQPENSE RDGTLQVELE GAQVLRTRLE EVLGRSLERL SRLESAAIG GGELESVQAQ EMLHLRAEIH QHLEEKRAE VELKELKAQI EEAGFSSVSH ISRNTMLSLC LENAELKEQM GEAMSDGWEV EEDKEKGEVM LETVVAKGCL NENSLQAEFR KVQGKLSAY NIINLLKEQL LLRSSEGNK EMPPELLVRLA REVDRMNTGL PSLGKHQHQE QENTTTARPG SRPQSLPLGA ALSVDGYQLE NKSQAQDSGH QPEFSLPGST KHLRSQLAQC RQRYQDLQEK LLISEATVFA QANQLEKYRA VFSESLVKQD SKQIQVDLQD LGYETCGRSE NEAEREETTS PECEEHNNLR PVVLMGLCS EQGYLDPVLV SPPAKKPLEN KPGKQEEFRA HGTPDDSSLL RKDIRDLKAQ LQNANKVIQN LRSRVRSLSA TSDYSSSLER PRKLRAVATL EGASPHSVTD EDEGWLSGDT GAFYPPGLQA KKDLES LIQR VSQLEAQLPK TGLEGKLAEE LRCASWPGKY DLSLIQDQARE LSYLRQKIRE GRGICYLLTQ HAKDTVKSFE DLLRSNDIDY YLGQSFREQ L AQQGQLTERL TSKLSTKDHK SEKEEAGLEP LALRLSRELQ EKEKVIEVLQ AKLDTRSLSP</p>



PSSHAVSDSH RSASTTSFLS DDIEACSDMD VASEYTHYDE KKPSPSHSAA
 SASQGLKGES SSSPISLPTP QNPPKEASQA HPGFHFHSIP KPASLSQTPM
 HSALPSFVPF SPSGPPLLGC CETPMVSLAE AQQELQMLQK QLGESVSIAP
 PASTSTLLSN QTEASSPHYI NPAQPHTPTR STIELGRILE PGYLGSSGQW
 DMMRPQKGSV SGELSSGSSM YQLNSKPTGA DLLEEHLGEI RNLRQRLEES
 ICVNDRLREQ LQHRLSSTAR ENGSTSHFYS QGLEMPQLY NENRALREEN
 QSLQTRLSHA SRGHSQEVDH LREALLSSRS QLQELEKELE QQKAERQQLS
 LQSELQIYES LCENPKKALK AFSLDSCHQV PGELSCLVAE IRALRGQLEQ
 SIEVNNRLRL QLEQQMDRGA GKASLGPPIAV GQSFPDKAEP ANLHQGSAAS
 PPVRDVGLNS PAMVLPNSSC SAPGSDHAIV TRTNNELSSD DSAAMKNPPK
 LEVDATDGPF ANKHGRHVIG HVDDYDALQQ QIGEGKLLIQ KILSLMRSAR
 SIPGQEAQDT EAPGNISAHE LRSSAKALNH ALEESTLLN MFWRAALPNT
 HGPVLVGKEG QLMEKELLDL RAQVSQQEQI LQNTAARLKR ANQRKKSMEQ
 FIVSHLTRTH DVLKKARTNL EMKSFRALTC TPAL

Source	E.coli
Target Names	Pde4dip
Protein Names	Recommended name: Myomegalin Alternative name(s): Phosphodiesterase 4D-interacting protein
Expression Region	1-2224
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.