



Recombinant Human BRG1/SMAR-CA4

Specifications and Use Description

Table with 2 columns: Catalog Number, Size. Rows include AG316-10 (10ug), AG316-25 (25ug), and AG316-B (Bulk).

The human brahma-related gene 1 (BRG1/SMARCA4/BAF190) is a catalytic subunit of SWI/SNF complexes that regulate transcription by mediating ATP-dependent chromatin remodeling processes.

MSTPDPPLGGTPRPGPSPGPGPSPGAMLGPSPGPSPGSAHSMMPGSPGPP
SAGHP IPTQGGYPOQNMHQMHKPMESMHEKGMSSDDPRYNQMKMGMSRS
GGHAGMGGPPSPMDQHSQGYPSPLGGSEHASSVPASGSSGPPASGSSGPG
GAPLDGADPQALGQQNRGPTPFNQNLHQLRAQIMAYKMLARGQPLPDHL
QMAVQGRKMPGMPGQQMPTLPPPSVSATGPGPGPGPGPGPGPPAPPNYS
RPHGMGGPNMPPPGPSGVPFGMPGQPPGGPPKWPPEGPMANAAAPTSTPQ
KLIPPQPTGRPSPAPPVPPAASPVMPPQTQSPGQPAQPAPMVPLHQKQS
RITPIQKPRGLDPVEILQEREYRLQARIAHRIQELLENLPGSLAGDLRTKA
TIELKALRLLNFQRQRQEVVVCMRDRTALETALNAKAYKRSKRQSLREA
RITEKLEKQKQIEQERKRRQKHQEYLNSILQHAKDFKEYHRSVTKGIQKL
TKAVATYHANTEREQKKENERIEKERMRLMAEDEEGYRKLIDQKKDKRL
AYLLQQTDEYVANLTELVRQHKAAQVAKEKKKKKKKAENAEGQTPAIG
PDGPELDETSQMSDLPVKVIHVESGKILGTGTDAPKAGQLEAWLEMNPGYE
VAPRSDSEESGSEEEEEEEEPQAAQPPTLPVEEKKKIPDPDSDDVSE
VDARHI IENAKQDVDEYGVSQALARGLQSYAVAHAVTERVDKQSALMV
NGVLKQYQIKGLEWLVS LYNNLNGILADEMGLGKTIQTALITYLMEHK
RINGPFLIIVPLSTLSNWAYEFDKWAPSVVKVSYKGS PAARRAFVPLRS
GKFNVLTTYEYIIKDKHILAKIRWKYMIVDEGHRMKNHHCKLTQVLNTH
YVAPRLLLTTGTPLQNKLPWALLNFFLLPTIFKSCSTFEQWFNAPFAMT
GEKVDLNEEETILIRLRLHVKLRPFLRLRLKKEVEAQLPEKVEYVIKCDM
SALQORVLYRHMCAKGVLLTDGSEKDKKGGTKTLMNTIMQLRKCINHPY
MFQHIIEESFSEHLGFTGGIVQGLDLYRASGKFELLDRIPLKLRATNHKVL
LFCQMTSLMTIMEDYFAYRGFKYLRDLGTTKAEDRGMLLKTFFNEPGSEYF
IFLLSTRAGGLGLNLQSADTVIIFDSDWNPQDLQAQDRAHRIGQONEVR
VLRLCTVNSVEEKILAAKYKLNVDQKVIQAGMFDQKSSSHERRAFLQAI
LEHEEQDES RHCSTGSGSASFAHTAPPAGVNPDLLEPPLKEEDEVPDDE
TVNQMIARHEEEFDLFRMDLDRRREEARNPKRKPRLMEDELPSWIKD
DAEVERLTCEEEEEKMFGRGSRHRKEVDYSDSLTEKQWLKAIIEGTLEEI
EEEVRQKSSRKRKRDSDAGSSTPTTSTRSRDKDESQKQKRRGPPAEK
LSPNPPNLTKKMKKIVDAVIKYKDS SGRQLSEVFIQLPSRKELPEYYEL
IRKPVDFKKIKERIRNHKYRSLNDLEKDVMLLCQNAQTFNLEGLIYEDS
IVLQSVFTSVRQKIEKEDDSEGESEEEEEEGEESESESRSVKVIKLG
RKEKAQDRLLKGGRRRPSRGSRAKPVVSDDDSEEEQEEEDRSGSGSEED

- Accession Number: NM_003072
Source: Sf9 Insect Cells
Molecular Mass: ~190kDa
Purity: >=95%, as determined by SDS-PAGE
Biological Activity: Recombinant human BRG protein is ideal for the studies of protein-protein interactions and other related function assays.
Formulation: 20mM Tris-Cl, pH7.9, 20% Glycerol, 100mM NaCl, 1mM DTT and 0.5mM EDTA.
Storage: The protein sample can be stored under sterile conditions at 2- 8°C for one month or at -70oC for 12 months without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Special Notes: FOR RESEARCH ONLY