

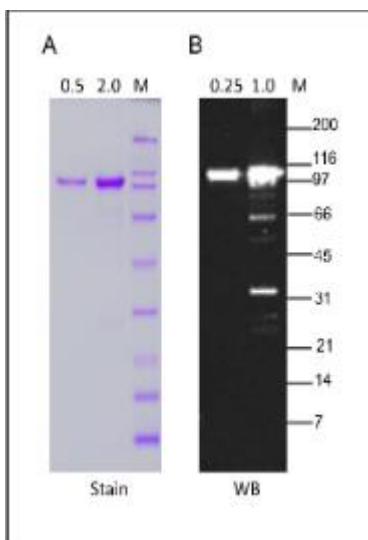
Recombinant Human Enpp2 (HEK293)

Catalog Number	Size
AG451-10	10ug
AG451-25	25ug
AG451-B	Bulk

Specifications and Use

Description

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. Growing evidence suggests that these complexes have a widespread role in tumor suppression. Recombinant BRG1 (1647 amino acids) was produced in Sf9 cells with a 6His tag at the N-terminus.



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MARRSSFQSCQIISLFTFAVGVNICLGFTAHRKRAEGWEEGPPTVLSDSPWTNISGSCKGRFCFELQEAGPPD
CRCDNLCKSYTSCCHDFDELCLKTARGWECTKDRCGEVRNEENACHCEDCLARGDCCTNYQVCKGESHVVD
DDCEEIKAAECPAGFVRPPLIIFSVDFGRASYMKKGSKVMNPNIKLRSCGTHSPYMRPVYPTKTFPNLYTLAT
GLYPESHGIVGNSMYDPVFDATFHLRGREKFNHRWGGQPLWITATKQGVKAGTFFWSVVI PHERRILTILQW
LTLPDHERPSVYAFYSEQPDFSGHKYGFPGPEESSYGSFPFPAKRPRKRVAPKRRQERPVPAPKRRRRIHRM
DHYAAETRQDKMTNPLREIDKIVGQLMDGLKQLKLRHCNVNIFVGDHGMEDVTCDRTEFLSNYLTNVDDITLV
PGLTGRIRSKFSNNAKYDPKAI IANLTCKKPDQHFKPYLKQHLPKRLHYANNRRIEDIHLLVERRWHVARKPL
DVYKKPSGKCFQGDHGFNDKVNMSQTVFVGYGSTFKYKTKVPPFENIELYNVMCDLLGLKPA PNNGTHGSLN
HLLRNTNFRPTMPEEVTRPNYPGIMYLSQDFDLGCTCDDKVEPKNKLDELNKLRLHTKGSTEEHLLYGRPAVL
YRTRYDILYHTDFESGYSEIFLMPWTSYTVSKQAEVSSVPDHLTSCVRPDPVRSVSPFSQNC LAYKNDKQMSY
GFLFPPYLSSSPEAKYDAFLVTNMVPMYPAFKRVWNYFQRLVVKKYASERNGVNVISGPIFDYDYDGLHDTE
KIKQYVEGSSIPVPTHYYSIITSCLDFTQPADKCDGPLSVSSFILPHRPDNEESCNSSEDES KQWVEELMKMHT
ARVRDIEHLTSLDFFRKT SRSYPEILLTKTYLHTYSEIIGHHHHHHHH
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Accession Number

NM_006209

Source

HEK293

Molecular Mass

~110kDa

Purity

≥90%, as determined by SDS-PAGE

Biological Activity

ENPP2 protein stimulates the motility of tumor cells with angiogenic properties. It functions as a phosphodiesterase to cleave phosphodiester bonds and a phospholipase to catalyze production of lysophosphatidic acid (LPA). Recombinant human ENPP2 protein is ideal for the studies of its enzyme activity 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- 8oC for one month or at -70oC for three months without detectable loss of activity.

Avoid repeated freeze-thaw cycles

Special Notes

FOR RESEARCH ONLY