G Patch Domain-Containing Protein 2 (GPATCH2) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	G patch domain-containing protein 2 (GPATCH2), Recombinant Protein
Full Product Name	Recombinant Human G patch domain-containing protein 2 (GPATCH2)
Product Gene Name	GPATCH2 recombinant protein
Product Synonym Gene Name	GPATCH2
Sequence	MFGAAGRQPI GAPAAGNSWH FSRTMEELVH DLVSALEESS EQARGGFAET GDHSRSISCP LKRQARKRRG RKRRSYNVHH PWETGHCLSE GSDSSLEEPS KDYRENHNNN KKDHSDSDDQ MLVAKRRPSS NLNNNVRGKR PLWHESDFAV DNVGNRTLRR RRKVKRMAVD LPQDISNKRT MTQPPEGCRD QDMDSDRAYQ YQEFTKNKVK KRKLKIIRQG PKIQDEGVVL ESEETNQTNK DKMECEEQKV SDELMSESDS SSLSSTDAGL FTNDEGRQGD DEQSDWFYEK ESGGACGITG VVPWWEKEDP TELDKNVPDP VFESILTGSF PLMSHPSRRG FQARLSRLHG MSSKNIKKSG GTPTSMVPIP GPVGNKRMVH FSPDSHHHDH WFSPGARTEH DQHQLLRDNR AERGHKKNCS VRTASRQTSM HLGSLCTGDI KRRRKAAPLP GPTTAGFVGE NAQPILENNI GNRMLQNMGW TPGSGLGRDG KGISEPIQAM QRPKGLGLGF PLPKSTSATT TPNAGKSA
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	42,599 Da
Sequence Positions	1-528, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9NW75
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GPATCH2 recombinant protein	MBS1332851 is a recombinant protein targeting GPATCH2. Also known as Recombinant Human G patch domain-containing protein 2 (GPATCH2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GPATCH2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPATCH2. It may not necessarily be applicable to this product.

NCBI GI #	663071083
NCBI GeneID	55105

NCBI Accession #	NP_001284683.1
UniProt Primary Accession #	Q9NW75
UniProt Secondary Accession #	Q5VYK7; Q5VYK8; Q86YE7
UniProt Related Accession #	Q9NW75
GenBank Nucleotide #	NM_001297754.2
NCBI Official Full Name	G patch domain-containing protein 2 isoform 2
NCBI Official Synonym Full Names	G-patch domain containing 2
NCBI Official Symbol	GPATCH2
NCBI Official Synonym Symbols	Pfa1; CT110; GPATC2; PPP1R30
UniProt Protein Name	G patch domain-containing protein 2
Protein Family	G patch domain-containing protein
UniProt Gene Name	GPATCH2
UniProt Synonym Gene Names	GPATC2
NCBI Protein Information	G patch domain-containing protein 2
NCBI Summary for GPATCH2	The gene encodes a nuclear factor that may play a role in spermatogenesis and in tumor growth during breast cancer. The encoded protein contains a G-patch domain with an RNA binding motif. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017]
UniProt Comments for GPATCH2	Enhances the ATPase activity of DHX15 in vitro.
Research Articles on GPATCH2	**1.** GPATC2 may be involved in inhibiting G1-S phase transition in 293T cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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