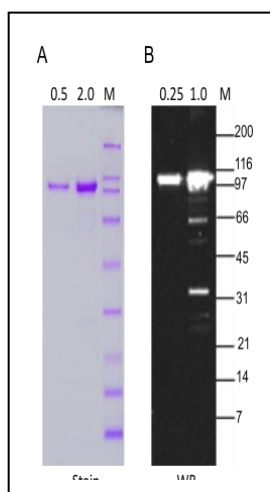


Recombinant ENPP2

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

Description

Recombinant ectonucleotide pyrophosphatase/phosphodiesterase 2 (Enpp2 or Autotaxin) was expressed in HEK293 cells and purified by an affinity column in combination of other chromatograph methods. The resulted protein is a monomeric polypeptide of 873 (863+10) amino acids with a 8His tag at the C-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 100kDa.



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MARRSSFQSCQIIISLFTFAVGVNICLGFTAHRICKRAEGWEEGPPTVLSDS
PWTNISGSCKGRCFELQEAGPPDCRCDNLCKSYTSCCHDFDELCLKTARG
WECTKDRCGEVRNEENACHCSEDCLARGDCCTNYQVCKGESHVDDDCCE
EIKAAECPAGFVRPPLIIFSVDGFRASYMKKGSKVMPNIEKLRSCGTHSP
YMRPVYPTKTFPNLYTLATGLYPESHGIVGNSMYDPVFDATFHLRGREKF
NHRWWGGQPLWITATKQGVKAGTFFWSVVI PHERRILITLQWLTPDHER
PSVYAFYSEQPDFSGHKYGPFGEPTNPLREIDKIVGQLMDGLKQLKLHR
CVNVIFVGDHGMEDVTCDRTEFLSNYLTNVDDITLVPGLGRIRSKFSNN
AKYDPKAI IANLTCKKPDQHF KPYLKQHL PKRLHYANNRRIEDIHLLVER
RWHVARKPLDVYKKPSGKCFQGDHGF DNKVNMQTVFVGYGPTFKYKTK
VPPFENIELYNVMCDLLGLKPAPNNGTHGSLNHLRLTNTFRPTMPEEVTR
PNYPGIMY LQSDFDLGCTCDDKVEPKNKLDELNKR LHTKGSTEERHLLYG
RPAVLRYRTRYDILYHTDFESGYSEIFLMPLWTSYTVSKQAEVSSVPDHLT
SCVRPDVRVSPSFSQNC LAYKNDKQMSYGFLFPYLSSSPEAKYDAFLVT
NMVPMYPAFKRVWNYFQ RVLVKKYASERNGVNVISGP IFDYDYG LHDTE
DKIKQYVEGSSIPVPTHYYSIITSCLDFTQPADKCDGPLSVSSFILPHRP
DNEESCNSSEDESKWVEELMKMTARVRDIEHLTSLDFFRKTSRSYPEIL
TLKTYLHTYESEI GGHHHHHHHH*
  
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Accession Number

BC034961

Molecular Mass

Approximately 100kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Enpp2 functions both a phosphodiesterase, which cleaves phosphodiester bonds, and a phospholipase, which catalyzes production of Lysophosphatidic acid (LPA). Recombinant human Enpp2 protein is suitable for the studies of mobility of tumor cells and tumorigenesis



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Email: info@ascentgene.com

Formulation 20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (***Avoid repeated freeze-thaw cycle***)

FOR RESEARCH USE ONLY!!!