

Recombinant Full Length Human PRAG1 Protein, C-Flag-tagged

Cat. No. PRAG1-1026HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PRAG1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes an enzyme that belongs to the tyrosine protein kinase family. A similar protein in rat binds to Rho family GTPase 2 (Rnd2) and regulates neurite outgrowth via activation of Ras homolog gene family, member A (RhoA).
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	149.1 kDa
AA Sequence	MHQTLCCLNPESLKMSACSDFVEHIWKPGSCKNCFCLRSDHQLVAGPPQPRAGSLP PPPRLP RPENCRLE DEGVNSSPYSKPTIAVKPTMMSSEASDVWTEANLSAEVSQ VIWRRAPGKLPLPKQEDAPVVYLGSFRGVQ KPAGPSTSPDGNSRCP PAYTMVGLH NLEPRGERNIAFHPVSFP EEKAVHKEKPSFPYQDRPSTQESFRQK LAAFAGTTSGC HQGPGPLRESLPSEDDSDQRCSPSGDSEGGEYCSILDCCPGSPVAKAASQTAGSR GRHG GRDCSPTCWEQ GKCSGPAEQEKRGPSFPKECCSQGPTAHP SCLGPKKLSL TSEAAISSDGLSCGSGSGSG ASSPFVPHLES DYCSLMKEPAPEKQ QDPGCPGVTP SRCLGLTGEPQPPAHPREATQPEPIYAESTKRKKA APVPSKSQAKIEHAAAAQGGQ QVCTGNAWAQKAASGWGRDSPDPTPQVSATITVMAAHPEEDHRTIYLSS PDSAVG

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VQWPRGPVSNSEVGEEETSAGQGLSSRESHAHSASES KPKERPAIPPKLSKSSP
 VGSPVSPSA GGPPVSPLADLSDGSSGGSSIGPQPPSQGPADPAPSCRTNGVAISD
 PSRCQPAAASSASEQRRPRFQAGT WSRQCRIEEEEVEQELLSHSWGRETKNGP
 TDHSNSTTWHRLHPTDGSSGQNSKVG TGMSKSASF AFEFP KDRSGIETFSPPPPP
 PKSRHLLKMNKSSSDLEKVSQGS AESLSPSFRGVHVSFTTGSTD LASDSRTCSD
 GGPSSELAHSPTNSGKKLFAPVPFPSPGSTEDVSPSGPQQPPPLPQKKIVSRAASSP
 DGFFWTQGSPKPGT ASPKLNLSHSETNVHDESHFSYSLSPGNRHHPVFSSSDPLE
 KAFKSGSHWLPAAGLAGNRGGCGSPGLQC KGAPSASSS QLSVSSQASTGSTQLQ
 LHGLLSNISKEGTYAKLGGLYTQSLARLVAKCEDLFMGGQKKEL HFNENNWSLFK
 LTCNKCCDSGDAIYYCATCEDPGSTYAVKICKAPEPKTVSYCSPSPVPHFNIQQD
 CG HFVASVPSSMLSSPDAPKDPVPALPHPPAQEQDCVVVITREVPHTASDFVRD
 SAASHQAEPEAYERRV CFLLLQLCNGLEHLKEHGIIHRDLCLNLLL VHCTLQAGPG
 PAPAPAPAAAAAPPCSSAAPPAGGTLS P AAGPASPEGPREKQLPRLIISNFLKAKQ
 KPGGTPNLQQKKSQARLAPEIVSASQYRKDEFQTGILIYEL LHQPNPFVRAQLRE
 RDYRQEDLPPLPALS LYSPLQLLAHLLLEADPIKRIRIGEAKRVLQCLLWGPRR EL
 VQQPGTSEEALCGTLHNWIDMKRALMMM KFAEKAVDRRRGVELEDWLCCQYLASA
 EPGALLQSLKLLQ
 LLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Pathways Protein Kinase

Full Length Full L.

GENE INFORMATION

Gene Name PRAG1 PEAK1 related, kinase-activating pseudokinase 1 [Homo sapiens (human)]

Official Symbol PRAG1

Synonyms NACK; PEAK2; SGK223; PRAGMIN

Gene ID 157285

mRNA Refseq NM_001080826.3

Protein Refseq NP_001074295.2

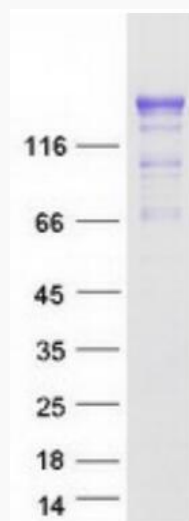
MIM 617344

UniProt ID Q86YV5

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Coomassie blue staining of purified PRAG1 protein.

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