

Product datasheet for TP522555

Inpp4a (NM_030266) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse inositol polyphosphate-4-phosphatase, type I (Inpp4a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR222555 representing NM_030266
Red=Cloning site Green=Tags(s)

MTAREHSPRHGARARAMQRASTIDVAADMVGLSLAGNIQDPDEPILEFSLACSELHTPSLDRKPNSFVAV
SVTTPPQAFWTKHAQTEIIEGTNNPIFLSSIAFFQDSLINQMTQIKLSVYDVKDRSQGTMYLLGSGTFVW
KDLLQDRHRLHLTLRSAESDRVGNITVIGWQMEEKSDQPPVTRSLDVTNNGRMVLPVDESLTEALGIRS
KYASLRKDSLLKAVFGGAICRMYRFPTTDGNHLRILEQMAESVLSLHVPRQFVKLLLEEDAARVCELEEL
GELSPCWESLRRQIVTQYQTIILTYQENLTDLHQYKGPSFKASSLKADKKLEFVPTNLHIQRMRVQDDGG
SDQNYDVTIGAPAAHCQGFKSGGLRKKLHKFEEAKKHSFEECCTSSSGQSIIYIPQDITRAKEIIAQIN
TLKTQVSYAERLSRAAKDRSATGLERTLAILADKTRQLVTVCCKLLANSIHGLNAARPDYIASKASPT
STEEEQVMLRNDQDTLMARWAGRSSRSLQVDWHEEEWEKVWLNVDKSLCEIQRVDKLLQKERLHGEGC
EDAFPCSSCCKDCSPPEESSPGEWSEALYPLLTTLTDCVAMMSDKAKAAMVFLMQDSAPTIASYL
SLQYRRDVVFCQTLTALICGFIKLRNCLHDGGFLRQLYTIGLLAQFESLLSTYGEELAMLEDMSLGIMD
LRNVTFKVTQATSNASNDMLPVITGNRDGFNVRIPLPGPLFDSLPREIQSGMLLRVQPVLFNVGINEEQQT
LAERFGDTSLQEVINVESLVRNLNSYFEQFKEVLPEDCLPRRSQTCLPELLRFLGQNVHARKNKNVDILW
QAAEVCRRLLNGVRFTSCKSAKDRTAMSVTLEQCLILQHEHGMAPQVFTQALECMRSEGCRRRENTMKNVGS
RKYAFNSLQLKAFPKHYRPPPEGTYGKVET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 106 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_084542
Locus ID:	269180
UniProt ID:	Q9EPW0 , Q3UEQ1 , F6V2U0
RefSeq Size:	5689
Cytogenetics:	1 15.46 cM
RefSeq ORF:	2817
Synonyms:	107kDa; 9630012D15; D130048C09Rik; R74740
Summary:	Catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate and inositol 1,4-bisphosphate. Involved in the regulation of megakaryocyte and fibroblast proliferation. Regulates cell growth downstream of transcription factor GATA-1.[UniProtKB/Swiss-Prot Function]