

Product datasheet for TP510656

Plekhg6 (NM_198604) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse pleckstrin homology domain containing, family G (with RhoGef domain) member 6 (Plekhg6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210656 representing NM_198604 Red =Cloning site Green =Tags(s)

MQAFGPPNEGPLQGLVASRIETYGGRHQ TSAHSTAGNLFPRGGPGVDPSRRRLQHYPVFAKSGSGQTRGMS
PLVLRDPDPEKRHGSYFGVGPPHSPKLKEVTRAHELEIRLHTFSMFGMPRLPPEDRRHWEIGEGGDSALT
MEKSWKELVLEHKEMNRQLCHQQEALWELLTELIYLRKLIKIMTDLLAAGLLNLQRVGLLTVESAETLFG
NVPNLIRAHRRFWEEVLQPILEDTRTSGQPLDPVSLQNGFLTFGQRFPYVQYCLRVKQTMAYAREQQDT
NPLFHTFVQWCEKHKRSGRQTLGDLLIKPHQRITKYPLLLQAVRKRSPPEPRAQEALNAMIEAVESFLRHI
NGQVRQGEEQESLMAVAQRIGPYEVLEPSSEEVEKNLRPFSTLDLMTPLVGLVAPEYTRQLLLEGPVVKE
GREGKMDVYLFVSDVLLVTKPQRKADRAKVRPPLMLEKLVCRPLRDPNSFLLIHLTEFQCVSSALT VH
CPSSTERARWLEKTQHAQTTLQKLKGEQYIQKRELLALYRNQGTESPSTRPSTPSPSPEDSQSSAEGRT
LEFAIIPRLVVTEDTDEDTPSMPDDASDSGYGLTIPSSPKDSHSPLNRLRSKALRRDPRLTFSTLELRDV
PLRPQPPDPQAPQRRSAPELPEGILRGGSLPRRAPPIWSEEEDETLASGNVWVETLHRAQRRSPLPHSPT
HTDSAGESPWESSEDEDEGLLSPELRPRSLREDMLREIREELANQRIDGASEPEPGNGKPRRLTLAQLQRM
RVPHIIQLDTPLSTSEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	89.1 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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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_941006
Locus ID:	213522
UniProt ID:	Q8R0J1
RefSeq Size:	3019
Cytogenetics:	6 F3
RefSeq ORF:	2361
Synonyms:	BC026778; Gm155
Summary:	Guanine nucleotide exchange factor activating the small GTPase RHOA, which, in turn, induces myosin filament formation. Also activates RHOG. Does not activate RAC1, or to a much lower extent than RHOA and RHOG. Part of a functional unit, involving PLEKHG6, MYH10 and RHOA, at the cleavage furrow to advance furrow ingression during cytokinesis. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with EZR, required for normal macropinocytosis (By similarity).[UniProtKB/Swiss-Prot Function]