

Product datasheet for TP511478

Llg12 (NM_145438) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse LGL2 scribble cell polarity complex component (Llg12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211478 representing NM_145438 Red=Cloning site Green=Tags(s)

MRRFLRTGHDPARERLKRDLFQFNKTVEHGFPHQPSALGYSPSLRILAIGTRSGAVKLYGAPGVFEMGLH
KENNAVLQIHFLPGQCQLVTLDDNSLHLWLSLKVKGVSSELQEEESFLRGPPGAAPSATQVTEILPHSS
GELLYLGTESGNVFWQLPGFRTLHDRTICSDVELQWLPEEARHRRVFEMVEALQEHPDPNQILIGYSR
GLVVIWDLQGSRALSHFLSSQQLLENASWQRDGLIVTCHSDGSHCQWPVSSDTQNPEPLRSSIPYGPFP
KAITKIFWLTTTRQGLPFTIFQGGMPRASYGDRHCISVWHNGQQTAFDFTSRVIDFTVLSEADPAAAFDDP
YALVLAEEELVIDLQTPGWPPVQLPYLASLHCSAITCSHHVSNIPKLWERIIAAGSRQNSHFSTMEW
PIDGGTSLAPPPPQRDLLTGHEDGTVRFWDASGVCLRLLYKLSTVRVFLTDTPSENLIAQGEDEWPP
RKVGSFDPYSDDPRLGIQKIFLCKYSGYLAVAGTAGQVLVLELNDEAAEHAVEQVEADLLQDQEGYRWKG
HERLAARPGPVCFEAGFQPFVLVQCQPPAVTSLALHSEWRLVAFGTSHGFGLFDHQRRQVFKCTLHP
SDQLALEGPLSRVKSLLKSLRQSFRRMRRSRVSSHKRRPGGPTGEAQAQAVNIKAERTGLQNMELAPVQR
KIEARSAEDSFTGFVRTLYFADTYLRDSSRHCPSLWAGTNGGTVYAFSLRVPPAERRTDEPVRAEQAKEI
QLMHRAPVVGILVLDGHNVPLEPELEVAHDLKSPDMQGSQQLLVVSEEQFKVFTLPKVS AKLKLKLTAL
EGSRVRRVGVAFHFGSCRAEDYGEHHLAVLTNLGDIQVSMPLLPQVRYSCIRREDVSGIASCVFTKYGQ
GFYLISPSEFERFSLSTKWLVEPRCLVDSTKAKKHNRPSNGNGTGLKMTSSGHVRNSKQSQSDGDEKKPGP
VMEHALLNDAWLKEIQSTLEGDRRSYGNWHPHRVAVGCRLSNGEAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	114.3 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_663413
Locus ID:	217325
UniProt ID:	Q3TJ91 , Q8BVC8
RefSeq Size:	3557
Cytogenetics:	11 E2
RefSeq ORF:	3081
Synonyms:	9130006H11Rik; Llg1h2
Summary:	Part of a complex with GPSM2/LGN, PRKCI/aPKC and PARD6B/Par-6, which may ensure the correct organization and orientation of bipolar spindles for normal cell division. This complex plays roles in the initial phase of the establishment of epithelial cell polarity (By similarity). [UniProtKB/Swiss-Prot Function]