

Product datasheet for TP527174

Unc13d (NM_001009573) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse unc-13 homolog D (Unc13d), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227174 protein sequence Red =Cloning site Green =Tags(s)

MATHLSHPQRRPLL RQAIKIRRRRVRDLQDPPPQATQEVQVQSHHFSPEERDLLYEEALYTVLHRLGQPE
PNHVKEASELLSYLQEAQVQPEEHQMLRRVRELEKPVFCLKATVKQAKGILGKDVSGFSDPYCLLGIE
QKVGVAEGSPVSRRRQKAVVKHTIPEEETHRTQVKSQTLNPVWDETFEFILEFEDIANASFHLDMWDLDTVE
SVRQKLGELTDLHGLRRIFKEARKDKGQDDFLGNVLRQLDLRCREDQWFPLEPCTETYPDRGQCHLQFQ
FIHKRRATAASRSQPSYTVHFHLLQQLVSHEVTQHQA GSTSWDASLSPQAVTILFLHATQKDLSDFHQSM
AQWLAYSRLYQSLEFPSSCLLHPITSIEYQWIQGRKAEQREELATSFTSLLAYGLSLIRKFRSVFPLSV
SDSPSRLQSLLRVLVQMCKMKAFGELCPDSAPLSQLVSEALRMGTVEWFHLMQHHQPMGILEAGKALLN
LVQDVMGDLYQCRRTWNKIFHNVLKIDLFMAFLELQWLVAKRVDHTVAAGNLVSPDIGESLFQLYVSL
KELCQLGPVPSDSREVLALDGFHRWFQPAIPSWLQKTYSVALERVQRAVQMDTLVPLGELTKHSTSAVDL
STCFAQISHTARQLDWPDPPEAFMITVKFVEDTCRLALVYCSLIKARARELSAVQKDQSQAADMLCVVN
NMEQLRLIIDKLP TQLAWEALEQRVGAVLEEGQLQNTLHAQLQGALAGLGHEIRTVRGLAEQLEVG IAT
HIQKLIGVKESVLPEDAILPLMKFLEVKLCYMNNTLVQENFSSLLTLLWHTLTVLVEVASSQRSSSLAS
GRLKVALQNLEVCFHAEGCGLPPEALHTDTFQALQNDLELQAASSRELIQKYFCSRIQQQAETT SERLGA
VTVKVSYRASEQRLRV ELLSASSLLPLDSNGSSDPFVQLTLEPRHEFPEVAPRETQKHKELHPLFDETF
EFLVPAEPCQKAWACLLLTVLDHDLGADDLEGEAFLPCRVPGLTDC AEPGEAPQMRLPLTY PAPNGDP
ILRLLESRKGDREAQAFVKLRRQRAKQASQHAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	122.9 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



[View online »](#)

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_001009573
Locus ID:	70450
UniProt ID:	B2RUP2 , Q80UG7
RefSeq Size:	3967
Cytogenetics:	11 E2
RefSeq ORF:	3252
Synonyms:	2610108D09Rik; Jinx; mFLJ00067; Munc13-4
Summary:	Plays a role in cytotoxic granule exocytosis in lymphocytes. Required for both granule maturation and granule docking and priming at the immunologic synapse. Regulates assembly of recycling and late endosomal structures, leading to the formation of an endosomal exocytic compartment that fuses with perforin-containing granules at the immunologic synapse and licenses them for exocytosis (By similarity). Regulates Ca(2+)-dependent secretory lysosome exocytosis in mast cells.[UniProtKB/Swiss-Prot Function]