

Product datasheet for TP309141L

Munc 13 4 (UNC13D) (NM_199242) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human unc-13 homolog D (C. elegans) (UNC13D), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209141 protein sequence Red=Cloning site Green=Tags(s)

MATLLSHPQQRPPFLRQAIKIRRRRVRDLQDPPPQMAPEIQPPSHHFSPEQRALLYEDALYTVLHRLGHP
EPNHVTEASELLRYLQEAHVPEPEEHQQTQLQRVRELEKPIFCLKATVKQAKGILGKDVSGFSDPYCLLGI
EQGVGVPGGSPGSRHRQKAVRHTIPEEETHRTQVITQTLNPVWDETFEFILEFEDITNASFHLDMMWDLDTV
ESVRQKLGELTDLHGLRRIFKEARKDKGQDDFLGNVLRQLDLRCREDQWYPLEPRTETYPDRGQCHLQF
QLIHKRRATSASRSQPSYTVHLHLLQQLVSHEVTQHEAGSTSWDGLSPQAATVFLHATQKDLSDFHQS
MAQWLAYSRLYQSLEFPSSCLLHPITSIEYQWIQGRKAEQQEELAASFSSLLTYGLSLIRRFRSVFPLS
VSDSPARLQSLLRVLVQMCKMKAFGELCPNTAPLPQLVTEALQTGTTEWFHLKQHHQPMVQGIPEAGKA
LLGLVQDVIGDLHQCQRTWDKIFHNTLKIHLFSMAFRELQWLVAKRVDHTTVGDVVSPEMGESLFQLY
ISLKELCQLRMSSSERDGVLALDNFHRWFQPAIPSWLQKTYNEALARVQRAVQMDLVLPLGELTKHSTSA
VDLSTCFAQISHTARQLDWPDPPEAFMITVKFVEDTCRLALVYCSLIKARARELSSGQKDQGQAANMLCV
VVNDMEQLRLVIGKLPALQAWALEQRVGAVLEQQQLQNTLHAQLQSALAGLGHEIRTGVRTLAEQLEVG
IAKHIQKLVGVRESVLPEDAILPLMKFLEVELCYMNTNLVQENFSSLLTLLWHTLTLVLEAAASQRSSS
LASNRLKIALQNLEICFHAEGCGLPPKALHTATFQALQRDLELQAASSRELIRKYFCSRIQQQAETTSEE
LGAVTVKASYRASEQKLRVELLSASSLLPLDSNGSSDPFVQLTLEPRHEFPELAARETQKHKKDLHPLFD
ETFEFLVPAEPCRKAGACLLLVLDYDTLGADDLEGEAFLPLREVPGLSGSEEPGEVPQTRLPLTPAPN
GDPIQLLEGRKGDREAQVFVRLRRHRAKQASQHALRPAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

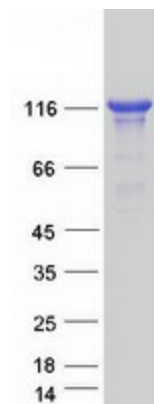
Tag:	C-Myc/DDK
Predicted MW:	123.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_954712
Locus ID:	201294
UniProt ID:	Q70J99
RefSeq Size:	4406
Cytogenetics:	17q25.1
RefSeq ORF:	3270
Synonyms:	FHL3; HLH3; HPLH3; Munc13-4
Summary:	This gene encodes a protein that is a member of the UNC13 family, containing similar domain structure as other family members but lacking an N-terminal phorbol ester-binding C1 domain present in other Munc13 proteins. The protein appears to play a role in vesicle maturation during exocytosis and is involved in regulation of cytolytic granules secretion. Mutations in this gene are associated with familial hemophagocytic lymphohistiocytosis type 3, a genetically heterogeneous, rare autosomal recessive disorder. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified UNC13D protein (Cat# [TP309141]). The protein was produced from HEK293T cells transfected with UNC13D cDNA clone (Cat# [RC209141]) using MegaTran 2.0 (Cat# [TT210002]).