

Product datasheet for TP310860

SAP102 (DLG3) (NM_021120) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human discs, large homolog 3 (Drosophila) (DLG3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC210860 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MHKHQHCCKCECYEVTRLAALRRLEPPGYGDWQVPDPYGPGGGNGASAGYGGYSSQTLPSQAGATPTPR
TKAKLIPTGRDVGVPVPPKVPVPGKSTPKLNGSGPSWWPECTCTNRDWYEQVNGSDGMFKYEEIVLERNNSG
LGFSIAGGIDNPHVPDDPGIFITKIIIPGGAAAMDGRLGVNDCVLRVNEVDVSEVHRSRAVEALKEAGPVV
RLVRRRQPPPETIMEVNLLKGPGLGFSIAGGIGNQHIPGDNSIYITKIIEGGAAQKDGRLQIGDRLLA
VNNTNLQDVRHEEAVASLKNTSDMVYLKVAKPGSLHLNDMYAPPDYASTFTALADNHISHNSSLGYLGA
ESKVSYPAPPQVPTRYSPIPRHMLAEEDFTREPRKIILHKGSTGLGFNIVGGEDGEGIFVSFILAGGPA
DLSELRRGDRILSVNGVNLRNATHEQAAAALKRAGQSVTIVAQYRPEEYSRFESKIHDLREQMMNSSMS
SGSGSLRTSEKRSLYVRALFDYDRTRDSCPLSQGLSFSYGDIHLVINASDDEWQARLVTPHGESEQIGV
IPSKRVEKKERARLKTVKFHARTGMIESNRDFPGLSDDYYGAKNLKGQEDAILYEPVTRQEIHYPV
IILGPMKDRVNDLISEFPHKFGSCVPHTRPRRDNEVDGQDYHFVVSREQMEKDIQDNKFIAGQFNDN
LYGTSIQSVRAVAERGKHCILDVSGNAIKRLQQAQLYPIAIFIKPKSIEALMEMNRRQTYEQANKIYDKA
MKLEQEFGEYFTAIVQGDSLEEIYNKIKQIIEDQSGHYIWWPSPEKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

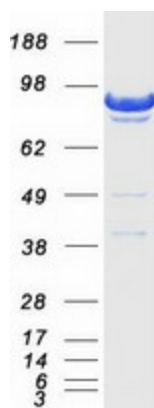
Tag:	C-Myc/DDK
Predicted MW:	90.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
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_066943
Locus ID:	1741
UniProt ID:	Q92796
RefSeq Size:	6032
Cytogenetics:	Xq13.1
RefSeq ORF:	2451
Synonyms:	MRX; MRX90; NEDLG; PPP1R82; SAP102; XLMR
Summary:	This gene encodes a member of the membrane-associated guanylate kinase protein family. The encoded protein may play a role in clustering of NMDA receptors at excitatory synapses. It may also negatively regulate cell proliferation through interaction with the C-terminal region of the adenomatosis polyposis coli tumor suppressor protein. Mutations in this gene have been associated with X-linked cognitive disability. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified DLG3 protein (Cat# TP310860). The protein was produced from HEK293T cells transfected with DLG3 cDNA clone (Cat# [RC210860]) using MegaTran 2.0 (Cat# [TT210002]).