

Product datasheet for PH310860

SAP102 (DLG3) (NM_021120) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DLG3 MS Standard C13 and N15-labeled recombinant protein (NP_066943)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210860
Predicted MW:	90.3 kDa
Protein Sequence:	>RC210860 protein sequence Red=Cloning site Green=Tags(s)

MHKHQHCCKCPECEYVTRLAALRRLEPPGYGDWQVPDPYGPGGNGASAGYGGYSSQTLPSQAGATPTPR
TKAKLIPTGRDVGVPVPPKVPVPGKSTPKLNGSGPSWWPECTCTNRDWEQVNGSDGMFKYEEIVLERGNSG
LGFISIAGGIDNPHVDPDGPFITKIIPGGAAAMDGRLGVNDCVLRVNEVDVSEVVHRAVEALKEAGPVV
RLVVRRRQPPPETIMEVNLLKGPGLGFSIAGGIGNQHIPGDNSIYITKIEGGAQKDGRLQIGDRLLA
VNNTNLQDVRHEEAVASLKNTSDMVYLKVAKPGSLHLNDMYAPPDYASTFTALADNHISHNSSLGYLGAV
ESKVSYPAPPQVPPTRYSPIPRHMLAEEDFTREPRKIIILHKGSTGLGFNIVGGEDGEGIFVSFILAGGPA
DLSGELRRGDRILSVNGVNLRNATHEQAAAALKRAGQSVTIVAQYRPEEYSRFESKIHDLREQMNSSMS
SGSGSLRTSEKRSLYVRALFDYDRTRDSCLP SQLSFSYGDILHVINASDDEWQARLVTPHGESEQIGV
IPSKKRVEKKERARKTKYKFHARTGMIESNRDFPGLSDDYYGAKNLKGQEDAILS YEPVTRQEIH YARPV
IILGPMKDRVNDLISEFPHKFGSCVPHTTRPRRDNEVDGQDYHFVVSREQMEKDIQDNKFI EAGQFNDN
LYGTSIQSVRAVAERGKHCILDVSGNAIKRLQQAQLYPIAIFIKPKSIEALMEMNRRQTYEQANKIYDKA
MKLEQEFGEYFTAIVQGDSLEEIYNKIKQIIEDQSGHYIWPVSPEKL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_066943

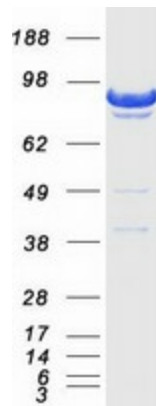


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RefSeq Size:	6032
RefSeq ORF:	2451
Synonyms:	MRX; MRX90; NEDLG; PPP1R82; SAP102; XLMR
Locus ID:	1741
UniProt ID:	Q92796 , Q59FY1
Cytogenetics:	Xq13.1

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 adenomatous 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]).