

Product datasheet for PH311595

PRTG (NM_173814) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRTG MS Standard C13 and N15-labeled recombinant protein (NP_776175)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211595
Predicted MW:	126.9 kDa
Protein Sequence:	>RC211595 representing NM_173814 Red=Cloning site Green=Tags(s)

MAPPLRPLARLRPPGMLLRALLLLLLLSP LPGVWCFSEL SFVKEPQDVTVTRKDPVVLDCQAHGEVPIKV
TWLKNAGAKMSENKRIEVL SNGSLYISEVEGRRGEQSDGEFYQCLAMNKYGAILSQKAHLALSTISAFEVQ
PISTEVHEGGVARFACKISSHPPAVITWEFNRTTLPMTMDRITALPTGVLQIYDVSQRDSGNRYCIAATV
AHRRSMEASLTVIPAKESKSFHTPTIIAGPQNITTS LHQT VVLECMATGNPKPIISWSRLDHKSIDVFN
TRVLGNGNLMISDVRLQHAGVYVCRAATPGTRNF TVAMATLTVLAPPSFVEWPESLTRPRAGTARFVQQA
EGIPSPKMSWLKNGRKIHSNGRIKMYNSKLVINQIIPEDDAIQCMAENSQGSILSRARLTVVMSEDRPS
APYNVHAETMSSSAILLAWERPLYNVDKVIAYSVHYMKAEGLNNEEYQVVI GNDTTHYIIDLEPASNYT
FYIVAYMPMGASQMSDHVTQNTLEDVPLRPPEISLTSRSPTDILISWLP IPAKYRRGQVVL YRFSRLST
ENSIQVLELPGTTHEYLLEGLKPDVSVYLVRITAA TRVGLGESSVWTSHRTPKATSVKAPKSPELHLEPLN
CTTISVWRQQDVEDTAAIQGYKLYYKEEQQENGP IFLDTKDLLYTL SGLDPRRKYHVRLLAYNNIDDDGY
QADQTVSTPGCVSVRDRMVPPPPPHL YAKANTSSSIFLHWRRAFTAAQI INYIIRCNPVGLQNASLV
LYLQTSETHMLVQGLEPNTKYEF AVRLHVDQLSSPWSPVVYHSTLPEAPAGPPVGKVTL IEDDTALVSW
KPPDGPETVVTRYTILYASRKAWIAGEWQLHREGAITMALLENLVAGNVYIVKISASNEVGEGPFSNSV
ELAVLPKETSESNQRPKRLDSADAKVYSGYYHLDQKSMGTI AVGVGIALTCILICVLIL IYRSKARKSSA
SKTAQNGTQQLPRTSASL ASGNEVGKNLEGAVGNEESLMPMIMPNSF IDAKGGTDLIINSYGP I IKNNSK
KKWFFFQDSKKIQVEQPQRRTPAVCFYQPGTTVLI SDEDSPPSPGQTTSF SRPFGVAADTEHSANSEGS
HETGDSGRFSHESNDEIHLSSVISTTPPNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

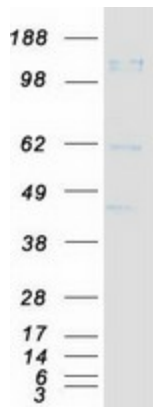
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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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_776175
RefSeq Size:	4115
RefSeq ORF:	3450
Synonyms:	IGDCC5
Locus ID:	283659
UniProt ID:	Q2VWP7
Cytogenetics:	15q21.3
Summary:	This gene encodes a member of the immunoglobulin superfamily. The encoded transmembrane protein has been associated with the development of various tissues, especially neurogenesis. It has been suggested that this gene may be associated with attention deficit hyperactivity disorder (ADHD). [provided by RefSeq, Nov 2014]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified PRTG protein (Cat# [TP311595]). The protein was produced from HEK293T cells transfected with PRTG cDNA clone (Cat# [RC211595]) using MegaTran 2.0 (Cat# [TT210002]).