

Product datasheet for TP311595M

PRTG (NM_173814) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protogenin homolog (Gallus gallus) (PRTG), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211595 representing NM_173814 Red=Cloning site Green=Tags(s)

MAPPLRPLARLRPPGMLLRALLLLLLLSPPLGVWCFSELSFVKEPQDVTVTRKDPWVLDCAHGEVPIKV
TWLKNKAKMSENKRIEVLNGLSYISEVEGRRGEQSDEGFYQCLAMNKYGAILSQKAHLALSTISAFEVQ
PISTEVHEGGVARFACKISSHPPAVITWEFNRTTLPMTMDRITALPTGVLQIYDVSQRDSGNYRCIAATV
AHRKSMESLTVIPAKESKSFHTPTIAGPQNITSLHQTVVLECMATGNPKPIISWSRLDHKSIDVFN
TRVLGNLNMISDVRLQHAGVYVCRATTPGTRNFTVAMATLTVLAPPSFVWPELSTRPRAGTARFVCQA
EGIPSPKMSWLKNGRKHNSGRIKMYNSKLVINQIIPEDDAIQCAENSSQGSILSRARLTVMSSEDRPS
APYNVHAETMSSSAILLAWERPLYNSDKVIASVHYMKAEGLNNEEQVWIGNDTTHYIIDDLEPASNYT
FYIVAYMPMGASQMSDHVTQNTLEDVPLRPEISLTSRSPTDILISWLPPIAKYRRGQVVLRLSFRSLST
ENSIQVLELPGTTHEYLLLEGLKPDVSVYLVIRITAAATRVGLGESSVWTSRTPKATSVKAPKSPELHLEPLN
CTTISVRWQQDVEDTAAIQGYKLYYKEEGQQENGPIFLDTKDLYTLGLDPRRKYHVRLLAYNNIDDGY
QADQTVSTPGCVSRRDRMVPPPPPHHLYAKANTSSSIFLHWRPAAFTAAQIINYTIRCNPVGLQNASLV
LYLQTSETHMLVQGLEPNTKYEFVRLHVDQLSSPWSVYHSTLPEAPAGPPVGVKVTLIEDDTALVSW
KPPDGPETVTRYTILYASRKAWIAGEWQVLHREGAITMALLENLVAGNVYIVKISASNEVGEGPFSNSV
ELAVLPKETSESNQRPKRLDSADAKVYSGYYHLDQKSMGTGIAVGVGIALTCILICVLILYRSKARKSSA
SKTAQNGTQQLPRTSASLASGNEVGKNLEGAVGNEESLMPMIMPNSFIDAKGGTDLIINSYGPPIKNNK
KKWFFFQDSKKIQVEQPQRRFTPAVCFYQPGTTVLISDEDESPSPGQTTSFSRPFVAAADTEHSANSEGS
HETGDSGRFSHESNDEIHLSSVISTTPPNL

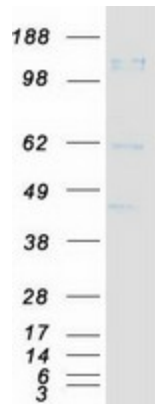
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	126.9 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



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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_776175
Locus ID:	283659
UniProt ID:	Q2VWP7
RefSeq Size:	4115
Cytogenetics:	15q21.3
RefSeq ORF:	3450
Synonyms:	IGDCC5
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]).