

Product datasheet for TP314014

DPP6 (NM_130797) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens dipeptidyl-peptidase 6 (DPP6), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214014 representing NM_130797 Red=Cloning site Green=Tags(s)

MASLYQRFTGKINTSRSPAPPEASHLLGGQGPEEDGGAGAKPLGPRAQAAAPRERGGGGGGAGGRPRFQ
YQARSDGDEEDELVGSNPPQRNWKGIAIALLVILVICSLIVTSVILLTPAEDNSLSQKKKVTVEDLFS
FKIHDPEAKWISDTEFIYREQKGTVRLWNVETNTSTVLIIEGKKIESLRAIRYEISPDREYALFSYNVEPI
YQHSYTGYYVLSKIPHGDPQSLDPPEVSNAKLQYAGWGPKGQQLIFIFENNIYYCAHVGVKQAIRVVSTGK
EGVIYNGLSDWLYEEEILKTHIAHWWSPDGTRLAYAAINDSRVPIMELPTYTGSYPTVKPYHYPKAGSE
NPSISLHVIGLNGPTHDLMMPPDDPRMREYITMVKWATSTKVAVTWLNRAQNVSILTLCDATTGVCTK
KHEDESEAWLHRQNEEPVFSKDGRRKFFIRAIQGGGRGKFYHITVSSSQPNSSNDNIQSITSGDWDVTKI
LAYDEKGNKIYFLSTEDLPRRRQLYSANTVGNFNRQCLSCDLVENCTYFSASFSSHSMDFLLKCEGPGVP
MVTVHNTTDKKKMFLETNEHVKKAINDRQMPKVEYRDIEIDDYNLPMQILKPATFTDTTHYPLLLWVDG
TPGSQSVAEKFEVSWETVMVSSHGAVVVKCDGRGSGFQGTKLLHEVRRRLGLLEEKDQMEAVRTMLKEQY
IDRTRVAVFGKDYGGYLSTYILPAKGENQGQFTFCGSALSPITDFKLYASAFSERYLGLHGLDNRAYEMT
KVAHRVSALEEQQFLIIHPTADEKIHFAQHTAELITQLIRGKANYSLQIYPDESHYFTSSSLKQHLYRSII
NFFVECFRIQDKLPTVTAKEDDEED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

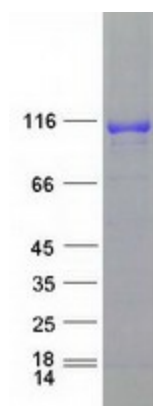
Tag:	C-Myc/DDK
Predicted MW:	97.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_570629
Locus ID:	1804
UniProt ID:	P42658 , Q8IYG9 , A7E2E4
RefSeq Size:	3712
Cytogenetics:	7q36.2
RefSeq ORF:	2595
Synonyms:	DPL1; DPPX; MRD33; VF2
Summary:	This gene encodes a single-pass type II membrane protein that is a member of the peptidase S9B family of serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Variations in this gene may be associated with susceptibility to amyotrophic lateral sclerosis and with idiopathic ventricular fibrillation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]
Protein Families:	Druggable Genome, Protease, Transmembrane

Product images:



Coomassie blue staining of purified DPP6 protein (Cat# TP314014). The protein was produced from HEK293T cells transfected with DPP6 cDNA clone (Cat# [RC214014]) using MegaTran 2.0 (Cat# [TT210002]).