

Product datasheet for **TP324465**

DPP9 (NM_139159) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens dipeptidyl-peptidase 9 (DPP9), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224465 representing NM_139159 Red =Cloning site Green =Tags(s)

MATTGTPTADRGDAAATDDPAARFQVQKHSWDGLRSIIHGSRKYSGLIVNKAPHDFQFVQKTDESGLPHSH
RLYYLGMPYGSRENSLLYSEIPKKVRKEALLLSWKQMLDHFQATPHHGVSREEELLRERKRLGVFGIT
SYDFHSEGLFLFQASNSLFHCRDGGKNGFMVSPMKPLEIKTQCSGPRMDPKICPADPAFFSFINNSDLW
VANIETGEERRLTFCHQGLSNVLDLDDPKSAGVATFVIQEEFDRFTGYWWCPTASWEGSEGLKTLRILYEEV
DESEVEVIHVSPALEERKTDSYRYPRTGSKNPKIALKLAEFQTDSQGKIVSTQEKELVQPFSSLPKVE
YIARAGWTRDGKYAWAMFLDRPQQWLQVLVLLPPALFIPSTENEEQLASARAVPRNVQPYVVVYEEVTNVW
INVHDIFYPFPQSEGEDELCLFRANECKTGFCHELYKVTAVLKSQGYDWSEPFSPGEDEFKCPKIEEIALT
SGEWEVLARHGSKGKTDTPLEHHLYVVSYEAAGEIVRLTTPGFSSHSCSMSQNFDMFVSHYSSVSTPPCVH
VYKLSGPDPLHKQPRFWASMMEAASCPDPYVPEIFHFHTRSDVRLYGMIIYKPHALQPCKKHPTVLFV
YGGPQVQLVNNSFKGIKYLRLNLTASLGYAVVIDGRGSCQRGLRFEGALKNQMGQVEIEDQVEGLQFVA
EKYGFIDLSRVAIHGWSYGGFLSLMGLIHKPQVFKVAIAGAPVTVWMAYDTGYTERYMDVPENNQHGVEA
GSVALHVEKLPNEPNRLLILHGFLDENVHFFHTNFLVSQLIRAGKPYQLQIYPNERHSIRCPESEGEHYEV
TLLHFLQEYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	96.4 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_631898](#)

Locus ID: 91039

UniProt ID: [Q86TI2](#)

RefSeq Size: 4274

Cytogenetics: 19p13.3

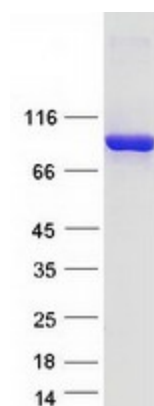
RefSeq ORF: 2550

Synonyms: DP9; DPLP9; DPP IX; DPRP-2; DPRP2

Summary: This gene encodes a protein that is a member of the S9B family in clan SC of the serine proteases. The protein has been shown to have post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Although the activity of this protein is similar to that of dipeptidyl peptidase 4 (DPP4), it does not appear to be membrane bound. In general, dipeptidyl peptidases appear to be involved in the regulation of the activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer. Several transcript variants of this gene have been described but not fully characterized. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease

Product images:



Coomassie blue staining of purified DPP9 protein (Cat# TP324465). The protein was produced from HEK293T cells transfected with DPP9 cDNA clone (Cat# [RC224465]) using MegaTran 2.0 (Cat# [TT210002]).