

Product datasheet for **TP314685M**

DPP8 (NM_130434) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dipeptidyl-peptidase 8 (DPP8), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214685 representing NM_130434 Red =Cloning site Green =Tags(s)

MAAAMETEQLGVEIFETADCEENIESQDRPKLEPFYVERYSWSQLKLLADTRKYHGYMMAKAPHDFMFV
KRNDPDGPHSDRIYYLAMSGENRENTLFYSEIPKTINRAAVLMLSWKPLLDLFQATLDYGMYSREEELLR
ERKRIGTVGIASDYDHYHQSGTFLFQAGSGIYHVKDDGGPQGFTQQPLRPNLVETSCPNIRMDPKLCPADPD
WIAFIHSNDIWISNIVTREERLTYVHNELANMEEDARSAGVATFVLQEEFDRYSGYWWCPKAETTPSGG
KILRILYEENDESEVEIIHVTSPMLETRRADSFYRYPKTGTANPKVTFKMSEIMIDAEGRIIDVIDKELIQ
PFEILFEGVEYIARAGWTPEGKYAWSILLDRSQTRLQIVLISPELFIPEDDVMERQRLIESVPDSVTPL
IIEETTDIWINIHDIHFVFPQSHEEEIEFIFASECKTGRHLYKITSILKESKYKRSSGGLPAPSDFKC
PIKEEIAITSGEWEVLGRHGNSIQVDEVRRLLVYFEGTKDSPLEHHLVVSYPNPGEVTRLTDRGYSHSCC
ISQHCDFFISKYSNQKNPHCVSLYKLSSPEDDPTCKTKEFWATILDSAGPLPDYTPPEIFSFESTTGFTL
YGMLYKPHDLQPGKKYPTVLFYGGPQVQLVNNRFKGVKYFRLNTLASLGYVVVIDNRGSCHRGLKFEG
AFKYKMGQIEIDDQVEGLQYLASRYDFIDLDRVGIHGWSYGGYLSLMALMQRSDIFRVAIAGAPVTLWIF
YDTGYTERYMGHPDQNEQGYLGSVAMQAEKFPSEPNRLLLLHGFLDENVHFAHTSILLSFLVRAGKPYD
LQIYPQERHSIRVPESGEHYELHLLHYLQENLGSRIAALKVI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	101.2 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_569118](#)

Locus ID: 54878

UniProt ID: [Q6V1X1](#)

RefSeq Size: 3146

Cytogenetics: 15q22.31

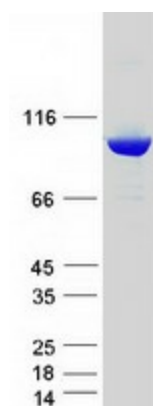
RefSeq ORF: 2646

Synonyms: DP8; DPRP-1; DPRP1; MST097; MSTP097; MSTP135; MSTP141

Summary: This gene encodes a member of the peptidase S9B family, a small family of dipeptidyl peptidases that are able to cleave peptide substrates at a prolyl bond. The encoded protein shares similarity with dipeptidyl peptidase IV in that it is ubiquitously expressed, and hydrolyzes the same substrates. These similarities suggest that, like dipeptidyl peptidase IV, this protein may play a role in T-cell activation and immune function. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease, Transmembrane

Product images:



Coomassie blue staining of purified DPP8 protein (Cat# [TP314685]). The protein was produced from HEK293T cells transfected with DPP8 cDNA clone (Cat# [RC214685]) using MegaTran 2.0 (Cat# [TT210002]).