

Product datasheet for PH314685

DPP8 (NM_130434) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DPP8 MS Standard C13 and N15-labeled recombinant protein (NP_569118)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214685
Predicted MW:	101.2 kDa
Protein Sequence:	>RC214685 representing NM_130434 Red=Cloning site Green=Tags(s)

MAAAMETEQLGVEIFETADCEENIESQDRPKLEPFYVERYSWSQLKLLADTRKYHGMMAKAPHDFMFV
KRNDPDGPHSDRIYYLAMSGENRENTLFYSEIPKTINRAAVLMLSWKPLLDLFQATLDYGMYSREEELLR
ERKRIGTVGIASYDYHQSGTFLFQAGSGIYHVKDGPPQGFQQPLRPNLVETSCPNIIRMDPKLCPADPD
WIAFIHSNDIWIISNIIVTREERRLTYVHNELANMEEDARSAGVATFVLQEEFDREYSGYWWCPKAETTPSGG
KILRILYEENDESEVEIIHVTSPMLETRRADSFYRYPKTGTANPKVTFKMSEIMIDAEGRIIDVIDKELIQ
PFEILFEGVEYIARAGWTPGKYAWSILLDRSQTRLQIVLISPELFIPEDDVMERQRLIESVPDSVTPL
IIYEETTDIWINIHDIHFVFPQSHEEEIEFIFASECKTGFRHLKITSILKESKYKRSSGGLPAPSDFKC
PIKEEIAITSGEWEVLGRHGSNIQVDEVRRLVYFEGTKDSPLEHHLVYVSYVNPGEVTRLTDRGYSHSCC
ISQHCDFFI SKYSNQKNPHCVSLYKLSPEDDPTCKTKEFWATILDSAGPLPDYTPPEIFSFESTTGFTL
YGMLYKPHDLQPGKKYPTVLFYGGPQVQLVNNRFKGVKYFRLNTLASLGYVVVVVIDNRGCHRGLKFEF
AFKYKMGQIEIDDQVEGLQYLASRYDFIDLDRVGIHGWSYGGYLSLMALMQRSDIFRVAIAGAPVTLWIF
YDTGYTERYMGHPDQNEQGYLGSVAMQAEKFPSEPNRLLLLHGFLDENVHFAHTSILLSFLVRAGKPYD
LQIYPQERHSIRVPESGEHYELHLLHLYLQENLGSRIAALKVI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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
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.



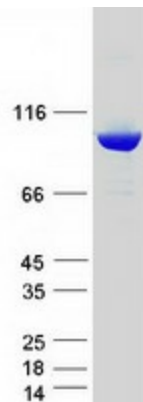
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RefSeq:	NP_569118
RefSeq Size:	3146
RefSeq ORF:	2646
Synonyms:	DP8; DPRP-1; DPRP1; MST097; MSTP097; MSTP135; MSTP141
Locus ID:	54878
UniProt ID:	Q6V1X1
Cytogenetics:	15q22.31

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]).