

Product datasheet for PH304237

DPP2 (DPP7) (NM_013379) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DPP7 MS Standard C13 and N15-labeled recombinant protein (NP_037511)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204237
Predicted MW:	54.3 kDa
Protein Sequence:	>RC204237 protein sequence Red=Cloning site Green=Tags(s)

MGSAPWAPVLLLLALGLRGLQAGARRAPDPGFQERFFQQRLDHFNFERFGNKTFPQRFLVSDRFWVRGEGP
IFFYTGNEGDVWAFANNSGFVAELAAERGALLVFAEHRYYGKSLPFGAQSTQRGHTELLTVEQALADFAE
LLRALRRDLGAQDAPAIAFGGSYGMLSAYLRMKYPHLVAGALAASAPVLAVAGLGDSNQFFRDVTADFE
GQSPKCTQGVREAFRQIKDLFLQGAYDVRWEFGTCQPLSDEKDLTQLFMFARNAFTVLAMMDYPYPTDF
LGPLPANPVKVGCDRLLEAQRITGLRALAGLVYNASGSEHCYDIYRLYHSCADPTGCGTGPDARAWDYQ
ACTEINLTFASNVTDMFPDLPFTDELQRQYCLDTWGVWPRPDWLLTSFWGGDLRAASNIIFSNGNLDPW
AGGIRRNLSASVIAVTIQGGAHHLDLRASHPEDPASVVEARKLEATIIGEWVKAARREQPALRGGPRL
SL

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.
RefSeq:	NP_037511
RefSeq Size:	1633
RefSeq ORF:	1476



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Synonyms: DPP2; DPPII; QPP

Locus ID: 29952

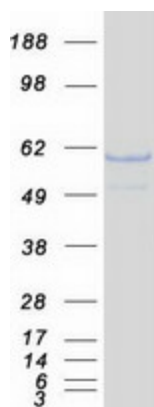
UniProt ID: [Q9UHL4](#)

Cytogenetics: 9q34.3

Summary: The protein encoded by this gene is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. The resting lymphocytes are maintained through suppression of apoptosis, a state which is disrupted by inhibition of this novel serine protease. The enzyme has strong sequence homology with prolylcarboxypeptidase and is active at both acidic and neutral pH. [provided by RefSeq, Jul 2008]

Protein Families: Protease

Product images:



Coomassie blue staining of purified DPP7 protein (Cat# [TP304237]). The protein was produced from HEK293T cells transfected with DPP7 cDNA clone (Cat# [RC204237]) using MegaTran 2.0 (Cat# [TT210002]).