

## Product datasheet for PH300104

### Aspartyl Aminopeptidase (DNPEP) (NM\_012100) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DNPEP MS Standard C13 and N15-labeled recombinant protein (NP_036232)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200104
Predicted MW:	52.4 kDa
Protein Sequence:	>RC200104 protein sequence Red=Cloning site Green=Tags(s)

MQVAMNGKARKEAVQTAAKELLKFVNRSPSPFHAVAECRNRLQAGFSELKETEKWNIKPESKYFMTRNS  
STIIAFVGGQYVPGNGFSLIGAHTDSPCLRVKRRSRRSQVGFQQVGVETYGGGIWSWTFDRDLTLAGRV  
IVKPTSGRLEQQLVHVERPILRIPHLAIHLQRNINENFGPNTEMHLVPIIATAIQEELEKGTPEPGPLN  
AVDERHHSVLMSELLCAHLGLSPKDIVEMELCLADTQPAVLGGAYDEFIFAPRLDNLHSCFCALQALIDSC  
AGPGSLATEPHVMVTLYDNEEVGSESAQGAQSLLTELVLRRISASCQHPTAFEEAIPKSFMISADMAHA  
VHPNYLDKHEENHRPLFHKGPIKVNKQRYASNAVSEALIREVANKVKVPLQDLMVRNDTPCGTTIGPI  
LASRLGLRVLDLGGSPQLAMHSIREMACTTGVLTTLFKGFFELFPSLSHLLVD

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_036232</a>
RefSeq Size:	2438
RefSeq ORF:	1425
Synonyms:	ASPEP; DAP



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Locus ID: 23549

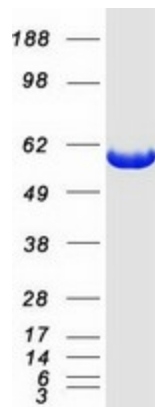
UniProt ID: [Q9ULA0](#)

Cytogenetics: 2q35

**Summary:** The protein encoded by this gene is an aminopeptidase which prefers acidic amino acids, and specifically favors aspartic acid over glutamic acid. It is thought to be a cytosolic protein involved in general metabolism of intracellular proteins. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

**Protein Families:** Druggable Genome, Protease

### Product images:



Coomassie blue staining of purified DNPEP protein (Cat# [TP300104]). The protein was produced from HEK293T cells transfected with DNPEP cDNA clone (Cat# [RC200104]) using MegaTran 2.0 (Cat# [TT210002]).