

## Product datasheet for **TP300104L**

### Aspartyl Aminopeptidase (DNPEP) (NM\_012100) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human aspartyl aminopeptidase (DNPEP), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC200104 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MQVAMNGKARKEAVQTAAKELLKFNRSPPFHAVAECRNRLQAGFSELKETEKWNIPESKYFMTRNS  
STIIAFVGGQYVPGNGFSLIGAHTDSPCLRVRKRRSRSSQVGFQQVGVETYGGGIWSTWFDRLTLAGRV  
IVKCPTSGRLEQQLVHVERPILRIPHLAIHLQRNINENFGPNTEMHLVPILATAIQEELEKGTPEPGLN  
AVDERHHSVLMSELLCAHLGLSPKDIVEMELCLADTQPAVLGGAYDEFIFAPRLDNLHSCFCALQALIDSC  
AGPGLATEPHVRMVTLYDNEEVGSESAQGAQSLLTELVLRRISASCQHPTAFEEAIPKSFMISADMAHA  
VHPNYLDKHEENHRPLFHKGPKVIVNSKQRYASNAVSEALIREVANKVKVPLQDLMVRNDTPCGTTIGPI  
LASRLGLRVLDLGSPQLAMHSIREMACTTGVLQTLTLFKGFFELFPSLSHNLVD

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 53.2 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.

**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\\_036232](#)



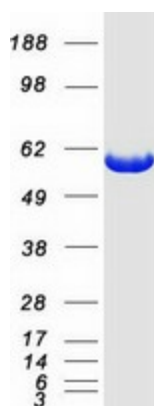
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Locus ID: 23549  
UniProt ID: [Q9ULA0](#)  
RefSeq Size: 2438  
Cytogenetics: 2q35  
RefSeq ORF: 1425  
Synonyms: ASPEP; DAP

**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]).