

Recombinant Human DNPEP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNPEP-3051H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNPEP MS Standard C13 and N15-labeled recombinant protein (NP_036232) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	52.4 kDa
AA Sequence	MQVAMNGKARKEAVQTAAKELLKFVNRSPSPFHAVAECRNRLQAGFSELKETEK WNIKPESKYFMTRNSSTIIAFAVGGQYVPGNGFSLIGAHTDSPCLRVKRRSRRSQVG FQQVGVETYGGGIWSTWFDRLTLAGRIVVKCPTSGRLEQQLVHVERPILRIPHLAIH LQRNINENFGPNTEMHLVPILATAIQEELEKGTPEPGPLNAVDERHHSVLSLLCAHL GLSPKDIVEMELCLADTQPAVLGGAYDEFIFAPRLDNLHSCFCALQALIDSCAGPGSL ATEPHVRMVTLYDNEEVGSESAQGAQSLLTELVLRRISASCQHPTAFEEAIPKSFMIS ADMAHAVHPNYLDKHEENHRPLFHKGPVIKVNKQRYASNAVSEALIREVANKVKV PLQDLMVRNDTPCGTTIGPILASRLGLRVLDLGGSPQLAMHSIREMACTTGVLQTLTLF KGFFELFPSLSHNLLVDSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

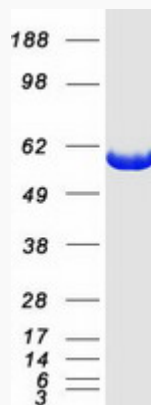
Gene Name	DNPEP aspartyl aminopeptidase [Homo sapiens (human)]
Official Symbol	DNPEP
Synonyms	DNPEP; aspartyl aminopeptidase; ASPEP; DAP;
Gene ID	23549
mRNA Refseq	NM_012100
Protein Refseq	NP_036232
MIM	611367
UniProt ID	Q9ULA0

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SDS-PAGE



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