

Recombinant Human DNPEP Protein (1-475 aa), His-SUMO-tagged

Cat. No. DNPEP-459H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNPEP Protein (1-475 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-475 aa
Description	Aminopeptidase with specificity towards an acidic amino acid at the N-terminus. Likely to play an important role in intracellular protein and peptide metabolism.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	68.4 kDa
AA Sequence	MQVAMNGKARKEAVQTAAKELLKFVNRSPSPFHAVAECRNRLQAGFSELKETEK WNIKPESKYFMTRNSSTIIAFAVGGQYVPGNGFSLIGAHTDSPCLRVKRRSRRSQVG FQQVGVETYGGGIWSTWFDRLTLAGRIVVKCPTSGRLEQQLVHVERPILRIPHLAIH LQRNINENFGPNTEMHLVPILATAIQEELEKGTPEPGPLNAVDERHHSVLMSLLCAHL GLSPKDIVEMELCLADTQPAVLGGAYDEFIFAPRLDNLHSCFCALQALIDSCAGPGSL ATEPHVRMVTLYDNEEVGSESAQGAQSLLTELVLRRISASCQHPTAFEEAIPKSFMIS ADMAHAVHPNYLDKHEENHRPLFHKGPVIKVNKQRYASNAVSEALIREVANKVKV

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	PLQDLMVRNDTPCGTTIGPILASRLGLRVLDLGSPQLAMHSIREMACTTGVLQTLTLF KGFFELFPSLSHNLLVD
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

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

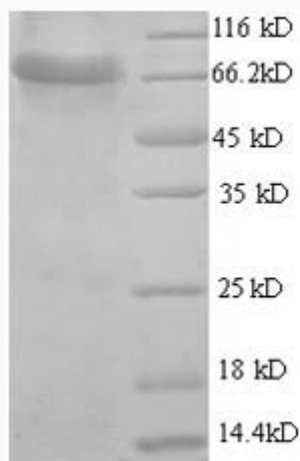
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UniProt ID

Q9ULA0



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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