

## Active Recombinant Human DPP7, His-tagged

Cat. No. DPP7-305H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DPP7 (Accession # AAH11907) Gly22-Leu492, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	22-492 a.a.
<b>Predicted N Terminal</b>	Gly22 & Arg24
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
<b>Bio-activity</b>	Measured by its ability to cleave the fluorogenic peptide substrate, Lys-Pro-AMC (KP-AMC). The specific activity is >4,000 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human DPP7, His-tagged has a calculated MW of 54 kDa. In SDS-PAGE migrates as 64 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	DPP7 dipeptidyl-peptidase 7 [ Homo sapiens ]
<b>Official Symbol</b>	DPP7
<b>Synonyms</b>	DPP7; dipeptidyl-peptidase 7; dipeptidylpeptidase 7; dipeptidyl peptidase 2; DPPII; DPP II; carboxytripeptidase; dipeptidyl peptidase II; dipeptidyl-peptidase II; dipeptidyl arylamidase II; dipeptidyl aminopeptidase II; quiescent cell proline dipeptidase; QPP; DPP2;
<b>Gene ID</b>	29952
<b>mRNA Refseq</b>	NM_013379
<b>Protein Refseq</b>	NP_037511
<b>MIM</b>	610537
<b>UniProt ID</b>	Q9UHL4
<b>Chromosome Location</b>	9q34.3

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