Active Recombinant Human DPP7, His-tagged

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

SPECIFICATION

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

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GENE INFORMATION

Gene Name	DPP7 dipeptidyl-peptidase 7 [Homo sapiens]
Official Symbol	DPP7
Synonyms	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;
Gene ID	29952
mRNA Refseq	NM_013379
Protein Refseq	NP_037511
MIM	610537
UniProt ID	Q9UHL4
Chromosome Location	9q34.3

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