

Recombinant Human DPP7, His-tagged

Cat. No. DPP7-28372TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 26-492 of Human DDP2 with C terminal His tag, expressed in a Baculovirus infected Sf9 cell expression system, 52.5 kDa.
Species	Human
ProteinLength	26-492 a.a.
Description	The protein encoded by this gene is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. The resting lymphocytes are maintained through suppression of apoptosis, a state which is disrupted by inhibition of this novel serine protease. The enzyme has strong sequence homology with polycarboxypeptidase and is active at both acidic and neutral pH.
Conjugation	HIS
Biological activity	Specific Activity: 1882 pmol/min/μg.
Form	Liquid
Storage buffer	Preservative: None Constituents: 10% Glycerol, 0.05% Tween 20, 25mM Tris HCl, 130mM Sodium chloride, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

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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;
Gene ID	29952
mRNA Refseq	NM_013379
Protein Refseq	NP_037511
MIM	610537
Uniprot ID	Q9UHL4
Chromosome Location	9q34.3
Function	aminopeptidase activity; dipeptidyl-peptidase activity; peptidase activity; serine-type peptidase activity;

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