

## Recombinant Human DPP4 Protein, His-tagged

Cat. No. DPP4-116H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human DPP4 protein(39-766aa) with His tag was expressed in insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	39-766 a.a.
<b>Description</b>	The protein encoded by this gene is identical to adenosine deaminase complexing protein-2, and to the T-cell activation antigen CD26. It is an intrinsic membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	85.4kDa
<b>AA Sequence</b>	ADPSRKTYTLTDYLNKNTYRLKLYSLRWISDHEYLYKQENNILVFNAEYGNSSVFLENS TFDEFGHSINDYSISPDGQFILLEYNVYKQWRHSYASDIYDLNKRQLITEERIPNNT QWVTWSPVGHKLAYVWNNDIYVKIEPNLPSYRITWTGKEDIYNGITDWVYEEEVFS AYSALWWSPNGTFLAYAQFNDTEVPLIEYSFYSDSLQYPKTVRVPYPKAGAVNPT VKFFVNTDSLSSVTNATSIQITAPASMLIGDHLYLCDVTWATQERISLQWLRRIQNYS VMDICDYDESSGRWNCLVARQHIEMSTTGWVGRFRPSEPHFTLDGNSFYKIISNEE GYRHICYFQIDKKDCTFITKGTWEVIGIEALTSDYLYYISNEYKGMPPGGRNLYKIQLSD

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YTKVTCLSCELNPERCQYYSVSFSKEAKYYQLRCSGPGPLPLYTLHSSVNDKGLRVL  
 EDNSALDKMLQNVQMPSKKLDFIILNETKFWYQMILPPHFDKSKKYPLLLDVYAGPC  
 SQKADTVFRLNWATYLASTENIIVASFDGRGSGYQGDKIMHAINRRLGTFEVEDQIEA  
 ARQFSKMGFVDNKRIAIWGSYGGYVTSMLVLSGSGVFKCGIAVAPVSRWEYYDS  
 VYTERYMGLPTPEDNLDHYRNSTVMSRAENFKQVEYLLIHGTADDNVHFQQSAQIS  
 KALVDVGVDFQAMWYTDDEDHGIASSTAHQHIYTHMSHFIKQCFSLPHHHHHH

**Endotoxin** < 1.0 EU per 1 µg of protein (determined by LAL method)

**Purity** > 95% by SDS - PAGE

**Notes** For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

**Storage** Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/mL (determined by Absorbance at 280 nm)

**Storage Buffer** Liquid in 20mM Tris-HCl pH 8.0, 100mM NaCl, 1mM EDTA, 10% glycerol

## GENE INFORMATION

**Gene Name** DPP4 dipeptidyl peptidase 4 [ Homo sapiens (human) ]

**Official Symbol** DPP4

**Synonyms** CD26; ADABP; ADCP2; DPPIV; TP103; dipeptidyl peptidase 4; ADCP-2; DPP IV; T-cell activation antigen CD26; adenosine deaminase complexing protein 2; dipeptidyl peptidase IV; dipeptidylpeptidase 4; dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2); EC 3.4.14.5

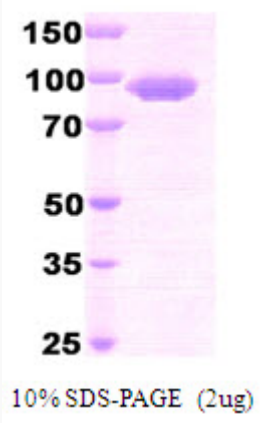
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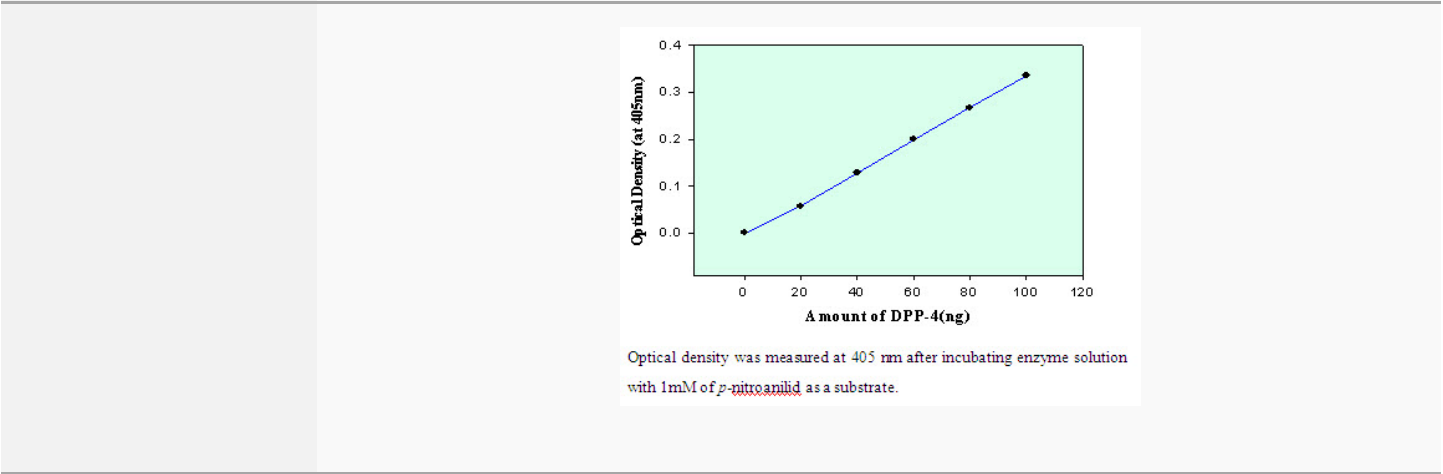
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<b>Gene ID</b>	1803
<b>mRNA Refseq</b>	NM_001935
<b>Protein Refseq</b>	NP_001926
<b>MIM</b>	102720
<b>UniProt ID</b>	P27487

**SDS-PAGE**



10% SDS-PAGE (2ug)



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