

Recombinant Human DPP4 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human DPP4 protein(39-766aa) with His tag was expressed in insect cell.
Species	Human
Source	Insect Cells
ProteinLength	39-766 a.a.
Description	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.
Form	Liquid
Molecular Mass	85.4kDa
AA Sequence	ADPSRKTYTLTDYLNKNTYRLKLYSLRWISDHEYLYKQENNILVFNAEYGNSSVFLENS TFDEFGHSINDYSISPDGQFILLEYNVYKQWRHSYTASYDIYDLNKRQLITEERIPNNT QWVTWSPVGHKLAYVWNNDIYVKIEPNLPSYRITWTGKEDIYNGITDWVYEEEVFS AYSALWWSPNGTFLAYAQFNDTEVPLIEYSFYSDSLQYPKTVRVPYPKAGAVNPT VKFFVNTDSLSSVTNATSIQITAPASMLIGDHLYLCDVTWATQERISLQWLRRIQNYS VMDICDYDESSGRWNCLVARQHIEMSTTGWVGRFRPSEPHFTLDGNSFYKIISNEE GYRHICYFQIDKKDCTFITKGTWEVIGIEALTSDYLYYISNEYKGMPPGGRNLYKIQQLSD

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YTKVTCLSCELNPERCQYYSVSFSKEAKYYQLRCSGPGPLPLYTLHSSVNDKGLRVL
EDNSALDKMLQNVQMPSKKLDFILNETKFWYQMILPPHFDKSKKYPLLLDVYAGPC
SQKADTVFRLNWATYLASTENIIVASFDGRGSGYQGDKIMHAINRRLGTFEVEDQIEA
ARQFSKMGFVDNKRIAIWGSYGGYVTSMLVLSGSGVFKCGIAVAPVSRWEYYDS
VYTERYMGLPTPEDNLDHYRNSTVMSRAENFKQVEYLLIHGTADDNVHFQQSAQIS
KALVDVGVDVFQAMWYTDDEHGIASSTAHQHIYTHMSHFIKQCFSLPHHHHHH

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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Gene ID 1803

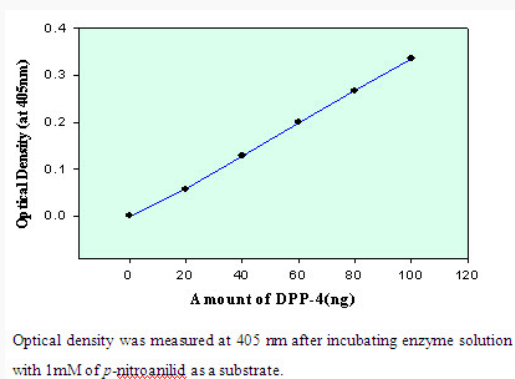
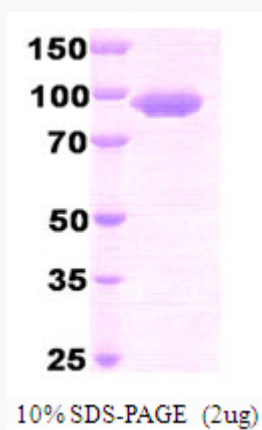
mRNA Refseq NM_001935

Protein Refseq NP_001926

MIM 102720

UniProt ID P27487

SDS-PAGE



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