

# Recombinant Full Length Human DPP4 Protein

Cat. No. DPP4-4118HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human DPP4 full-length ORF (NP_001926.2) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	92 amino acids
<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. [provided by RefSeq, Jul 2008]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	88.3 kDa
<b>AA Sequence</b>	<p>MKTPWKVLLGLLGAAALVTIITVPVLLNKGTDATADSRKTYTLTDYLNKNTYRLKLY  SLRWISDHEYLYKQENNILVFNAEYGNSSVFLENSTFDEFHGHSINDYSISPDGQFILLE  YNYVKQWRHSYASYDIYDLNKRQLITEERIPNNTQWVTWSPVGHKLAYVWNNDIY  VKIEPNLPSYRITWTGKEDIYNGITDWVYEEEEVFSAYSALWWSPNGTFLAYAQFNDT  EVPLIEYSFYSDSLQYPKTVRVPYPKAGAVNPTVKFFVNTDSLSSVTNATSIQITAP  ASMLIGDHLYLCDVTWATQERISLQWLRRIQNYSVMDICDYDESSGRWNCLVARQHI  EMSTTGWVGRFRPSEPHFTLDGNSFYKIIISNEEGYRHICYFQIDKKDCTFITKGTWE  VIGIEALTSYLYISNEYKGMPPGGRNLYKIQLSDYTKVTCLSCELNPERCQYYSVSF</p>

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SKEAKYYQLRCSGPGPLPLYTLHSSVNDKGLRVLEDNSALDKMLQNVQMPSKKLDFII  
 LNETKFWYQMILPPHFDKSKKYPLLLDVYAGPCSQKADTVFRLNWATYLASTENIIVA  
 SFDGRGSGYQGDKIMHAINRRLGTFEVEDQIEAARQFSKMGFVDNKRIAIWGSYG  
 GYVTSMLVLSGSGVFKCGIAVAPVSRWEYYDSVYTERYMGLPTPEDNLDHYRNST  
 VMSRAENFKQVEYLLIHGTADDNVHFQQSAQISKALVDVGVDFQAMWYTDEDHGIA  
 SSTAHQHIYTHMSHFQKCFSLP

<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	DPP4 dipeptidyl-peptidase 4 [ Homo sapiens ]
<b>Official Symbol</b>	DPP4
<b>Synonyms</b>	DPP4; dipeptidyl-peptidase 4; ADCP2, adenosine deaminase complexing protein 2 , CD26, dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2); dipeptidyl peptidase 4; DPPIV; ADCP-2; DPP IV; dipeptidylpeptidase 4; dipeptidyl peptidase IV; T-cell activation antigen CD26; adenosine deaminase complexing protein 2; dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2); CD26; ADABP; ADCP2; TP103;
<b>Gene ID</b>	1803

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

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