

Recombinant Full Length Human DPP4 Protein, GST-tagged

Cat. No. DPP4-4125HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human DPP4 full-length ORF (NP_001926.2, 1 a.a. - 766 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	766 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	114.7 kDa
AA Sequence	MKTPWKVLLGLLGAAALVTIITVPVLLNKGTDATADSRKTYTLTDYLNKNTYRLKLY SLRWISDHEYLYKQENNILVFNAEYGNSSVFLENSTFDEFSGHSINDYSISPDGQFILLE YNYVKQWRHSYASYDIYDLNKRQLITEERIPNNTQWVTWSPVGHKLAYVWNNDIY VKIEPNLPSYRITWTGKEDIYNGITDWVYEEEEVFSAYSALWWSPNGTFLAYAQFNDT EVPLIEYSFYSDSLQYPKTVRVPYPKAGAVNPTVKFFVNTDSLSSVTNATSIQITAP ASMLIGDHLYCDVTWATQERISLQWLRRIQNYSVMDICDYDESSGRWNCLVARQHI EMSTTGWVGRFRPSEPHFTLDGNSFYKIISNEEGYRHICYFQIDKKDCTFITKGTWE VIGIEALTSDYLYISNEYKGMPPGGRNLYKIQLSDYTKVTCLSCELNPERCQYYSVSF SKEAKYYQLRCSGPGPLPLYTLHSSVNDKGLRVLEDNSALDKMLQNVQMPSKKLDFII

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LNETKFWYQMILPPHFDKSKKYPLLLDVYAGPCSQKADTVFRLNWATYLASTENIIVA
 SFDGRGSGYQGDKIMHAINRRLGTFEVEDQIEAARQFSKMGFVDNKRIAIWGWSYG
 GYVTSMVLGSGSGVFKCGIAVAPVSRWEYYDSVYTERYMGLPTPEDNLDHYRNST
 VMSRAENFKQVEYLLIHGTADDNVHFQQAQISKALVDVGVDFQAMWYTDEDHGIA
 SSTAHQHIYTHMSHFQKCFSLP

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [DPP4 dipeptidyl-peptidase 4 \[Homo sapiens \]](#)

Official Symbol [DPP4](#)

Synonyms 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;

Gene ID [1803](#)

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mRNA Refseq	NM_001935
Protein Refseq	NP_001926
MIM	102720
UniProt ID	P27487

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