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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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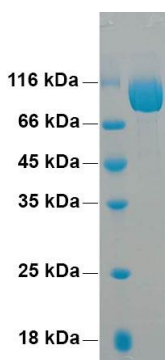
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Human CD26/DPPIV Protein

CATALOG NUMBER: CD26-005P, 50 µg

Introduction	<p>CD26 (cluster of differentiation 26), also known as Dipeptidyl peptidase-4 (DPP4) is a protein that, in humans, is encoded by the DPP4 gene. CD26/DPPIV is an antigenic enzyme expressed on the surface of most cell types and is associated with immune regulation, signal transduction and apoptosis. It is an intrinsic membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides.</p> <p>CD26/DPPIV plays an important role in tumor biology, and is useful as a marker for various cancers, with its levels either on the cell surface or in the serum increased in some neoplasms and decreased in others.</p>
Applications	Western blot standard, antibody ELISA, antigen, etc.
Description	6x his-tagged recombinant human CD26/DPPIV (aa 29-766) protein purified from HEK293 cells (GenBank No. P27487) and having a molecular weight of ~95 kDa in reduced SDS-PAGE resulting from glycosylation.
Storage	Store at -20 °C or -80 °C for up to 1 year; Non-hazardous. No MSDS required.
Concentration	50 µg in PBS, pH7.4
Endotoxin Level	<0.01 EU per 1 µg of the protein by LAL test
Specificity	≥ 95% purity



SDS-PAGE: purified recombinant CD26/DPPIV protein

CD26/DPPIV Recombinant Protein Sequence:

NKGTDDATADSRKTYTLTDYLKNTYRLKLYSLRWISDHEYLYKQENNILVFNAEYGNSSVFLENSTFDEFHGHSINDYSISPDGQFILLEYN
 YVKQWRHSYTASYDIYDLNKRQLITEERIPNNTQWVTWSPVGHKLAYVWNNDIYVKIEPNLPSYRITWTGKEDI IYNGITDWVYEEVFS
 YSALWWSPNGTFLAYAQFNDTEVPLIEYSFYSDSLQYPKTVRVYPYKAGAVNPTVKFFVNTDSLSSVTNATSIQITAPASMLIGDHYLC
 DVTWATQERISLQWLRRIQNYSVMIDICDYDESSGRWNCLVARQHIEMSTTGWVGRFRPSEPHFTLDGNSFYKIIISNEEGYRHICYFQIDKK
 DCTFITKGTWEVIGIEALTSDYLYYISNEYKGMPPGGRNLYKIQLSDYTKVTCLSCELNPERCQYYSVFSKEAKYYQLRCSGPGPLPLYTLH
 SSVNDKGLRVLEDNSALDKMLQNVQMPSKLDIFIILNETKFWYQMILPPHFDKSKKYPLLLDVYAGPCSQKADTVFRLNWATYLASTENI
 VASFDGRGSGYQGDKIMHAINRRLGTFEVEDQIEAARQFSKMGFVDNKRIA IAWGWSYGGYVTSMLVLSGSGVFKCGIAVAPVSRWEYYDSV
 YTERYMGLPTPEDNLDHYRNSTVMSRAENFKQVEYLLIHGTADDNVHFQQAQISKALVDVGVDFQAMWYTDDEDHGIASSTAQHIIYTHMS
 HFIKQCFSLPHHHHHH