

# Recombinant Full Length Bovine Dipeptidyl Peptidase 4(Dpp4) Protein, His-Tagged

**Cat. No.** RFL19301BF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Bovine Dipeptidyl peptidase 4(DPP4) Protein (P81425) (1-765aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | Bovine   |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-765)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | <p>MKTPWKVLLGLLAIAALVTVITVPVLLTKGNDASTDSRRTYTLADYLNKNTFRMKFYN<br/>         LRWVSDHEYLYKQENNILLFNAEYGNSSIFLENSTFDEFGHSINDYSVSPDRQYILFE<br/>         YNYVKQWRHSYASYDIYDLNKRQLITEERIPNNTQWITWSSVGHKLAYVWNNDIYV<br/>         KNEPNSPSQRITWTGKKDVIYNGITDWVYEEVFSAYSALWWSNSTFLAYAQFND<br/>         TEVPLIEYSFYSDSLQYPKTVKIPYPKAGAVNPTIKFFVNNISLSPNINATSQQIVPP<br/>         GSVLIGDHLYCDVTWVTEERISLQWLRRIQNYSIMDICDYDRSTGRWISSVGRQHIEI<br/>         STTGWVGRFRPAEPHFTSDGNSFYKIISNEEGYKHICHFQTDKRNCTFITKGAVEVI<br/>         GIEALTSYLYISNEYKGMPGARNLYKIQLNDYTKVTCLSCELNPDRQCYYSVSFS<br/>         QEAKYYQLRCSGPGPLPLYTLHNSNNDKELRVLENNSDLQVLQDVQMPSKKLDFIH<br/>         LHGTFWYQMILPPHFDKSKKYPLLEVVYAGPCSQKADAIFRLNWTYLASTENIIVA<br/>         SFDGRGSGYQGDKIMHAINRRLGTFEVEDQIEATRQFSKMGFVDDKRIAIWGWSYG<br/>         GYVTSMVLGAGSGVFKCGIAVAPVSKWEYYDSVYTERYMGLPTPEDNLDSYRNST</p> |

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VMSRAENFKQVEYLLIHGTADDNVHFQQSAQISKALVDAGVDFQSMWYTDEDHGIA  
SSTAHQHIYTHMSHFLKQCFSLL

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** DPP4

**Synonyms** DPP4; CD26; Dipeptidyl peptidase 4; Activation molecule 3; ACT3; Adenosine deaminase complexing protein; ADCP-I; Dipeptidyl peptidase IV; DPP IV; T-cell activation antigen CD26; WC10; CD antigen CD26

**UniProt ID** [P81425](https://www.uniprot.org/entry/P81425)

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