



Recombinant Human DPP4 Protein Product Manual

1. Product Basic Information

Product No.: REP06705

Protein Name: Dipeptidyl Peptidase Iv (DPP4)

Aliases: CD26; ADABP; ADCP2; DPPIV; TP103; ADCP-DPP IV; dipeptidyl peptidase IV; T-cell activation antigen CD26; Xaa-Pro-dipeptidylaminopeptidase

UniProt ID: P27487

UniProt Link: <https://www.uniprot.org/uniprotkb/P27487/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (29-766aa)

Molecular Weight: 87.4 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (29-766aa)

NKGTDDATADSRKTYTLTDYLNKNTYRLKLYSLRWISDHEYLYKQENNILVFNAEYGN
SSVFLENSTFDEFGHSINDYSISPDGQFILLEYNVVKQWRHSYTASYDIYDLNKRQLI
TEERIPNNTQWVTWSPVGHKLAYVWNNDIYVKIEPNLPSYRITWTGKEDIYNGITD
WVYEEEVFSAYSALWWSPNGTFLAYAQFNDTEVPLIEYSFYSDSLQYPKTVRVYPY
PKAGAVNPTVKFFVNTDSLSSVTNATSIQITAPASMLIGDHLYCDVTWATQERISLQ
WLRRIQNYSVMDICDYDESSGRWNCLVARQHIEMSTTGWVGRFRPSEPHFTLDGN
SFYKIISNEEGYRHICYFQIDKKDCTFITKGTWEVIGIEALTSDYLYYISNEYKGMPPG
RNLYKIQLSDYTKVTCLSCELNPERCQYYSVSFSKEAKYYQLRCSGPGLPLYTLHSS
VNDKGLRVLEDNSALDKMLQNVQMPSKKLDFIILNETKFWYQMILPPHFDKSKKYPL
LLDVYAGPCSQKADTVFRLNWATYLASTENIIVASFDRGSGYQGDKIMHAINRRLG
TFEVEDQIEAARQFSKMGFVDNKRIAIWGWSYGGYVTSMVLGSGSGVFKCGIAVAP
VSRWEYYDSVYTERYMGLPTPEDNLDHYRNSTVMSRAENFKQVEYLLIHGTADDN
VHFQQSAQISKALVDVGVDQAMWYTDEDHGIASTAHQHIYTHMSHFQKCFSLP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



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glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human DPP4 partial protein (29-766aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. DPP4, also known as CD26 or ADABP or ADCP2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.