

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

Cat. No. RFL31481HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Dipeptidyl peptidase 4(DPP4) Protein (P27487) (1-766aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-766)
Form	Lyophilized powder
AA Sequence	MKTPWKVLLGLLGAAALVTITVPVLLNKGTDATADSRKTYTLTDYLNKNTYRLKLY SLRWISDHEYLYKQENNILVFNAEYGNSSVFLENSTFDEFGHSINDYSISPDGQFILLE YNYVKQWRHSYASYDIYDLNKRQLITEERIPNNTQWVTWSPVGHKLAYVWNNDIY VKIEPNLPSYRITWTGKEDIYNGITDWVYEEEVFSAYSALWWSPNGTFLAYAQFNDT EVPLIEYSFYSDSLQYPKTVRVPYPKAGAVNPTVKFFVNTDSLSSVTNATSIQITAP ASMLIGDHLYLCDVTWATQERISLQWLRRIQNYSVMDICDYDESSGRWNCLVARQHI EMSTTGWVGRFRPSEPHFTLDGNSFYKIISNEEGYRHICYFQIDKKDCTFITKGTWE VIGIEALTSDYLYISNEYKGMPPGGRNLYKIQLSDYTKVTCLSCELNPERCQYYSVSF SKEAKYYQLRCSGPGLPLYTLHSSVNDKGLRVLEDNSALDKMLQNVQMPSKKLDFII LNETKFWYQMILPPHFDKSKKYPLLLDVYAGPCSQKADTVFRLNWATYLASTENIIVA SFDGRGSGYQGDKIMHAINRRLGTFEVEDQIEAARQFSKMGFVDNKRIAIWGWSYG GYVTSMVLGSGSGVFKCGIAVAPVSRWEYYDSVYTERYMGLPTPEDNLDHYRNST

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	VMSRAENFKQVEYLLIHGTADDNVHFQQSAQISKALVDVGVDVFQAMWYTDEDHGIA SSTAHQHIYTHMSHFIKQCFSLP
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 mutiple 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; ADCP2; CD26; Dipeptidyl peptidase 4; ADABP; Adenosine deaminase complexing protein 2; ADCP-2; Dipeptidyl peptidase IV; DPP IV; T-cell activation antigen CD26; TP103; CD antigen CD26
UniProt ID	P27487