



Human DPP4

Synonyms: CD26, ADABP, ADCP2, DPPIV, TP103, DPP4, Dipeptidyl peptidase 4, Dipeptidyl peptidase IV, DPP IV, T-cell activation antigen CD26, Adenosine deaminase complexing protein 2, CD26 antigen.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
2 µg	4104.952.002		
10 µg	4104.952.010		
1 mg	4104.952.199		

Please enquire for bulk quantities and other vial sizes.

Description

DPPIV Human Recombinant produced in Insect cells is a single, glycosylated polypeptide chain containing 737 amino acids (39-766) and having a molecular mass of 85.4 kDa. DPPIV is fused to a 6 His Tag at C-terminus and purified using conventional chromatography techniques.

- **Source** Insect cells
- **Purity** ≥ 95 % (SDS-PAGE)
- **Buffer** DPP4 is formulated in 20 mM Tris-HCl buffer pH -8, 100 mM NaCl, 1 mM EDTA and 10 % glycerol*
- **Physical State** Sterile filtered colorless solution

Biological Activity

>200 Units/mg.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

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ADPSRKTYTL TDYLNKNTYRL KLYSLRWISD HEYLYKQENN ILVFNAEYGN SSVFLENSTF DEFGHSINDY
SISPDGQFIL LEYNYVKQWR HSYTASYDIY DLNKRQLITE ERIPNNTQWV TWSPVGHKLA YVWNNDIYVK
IEPNLPSYRI TWTGKEDIIY NGITDWVYEE EVFSAYSALW WSPNGTFLAY AQFNDTEVPL IEYSFYSDS
LQYPKTVRVP YPKAGAVNPT VKFFVNTDS LSSVTNATSI QITAPASMLI GDHYLCDVTW ATQERISLQW
LRRIQNYSTM DICDYDESSG RWNCLVARQH IEMSTTGWVG RFRPSEPHFT LDGNSFYKII SNEEGYRHIC
YFQIDKKDCT FITKGTWEVI GIEALTSYDL YYISNEYKGM PGGRNLYKIQ LSDYTKVTCL SCELNPERCQ
YYSVSFSKEA KYYQLRCSGP GLPLYTLHSS VNDKGLRVLE DNSALDKMLQ NVQMPSKKLD FIILNETKFW
YQMILPPHFD KSKKYPLLLD VYAGPCSQKA DTVFRLNWAT YLASTENIIV ASFDGRGSGY QGDKIMHAIN
RRLGTFEVED QIEAARQFSK MGFVDNKRIA IWGWSYGGYV TSMVLGSGSG VFKEGIAVAP VSRWEYYDSV
YTERYMGLPT PEDNLDHYRN STVMSRAENF KQVEYLLIHG TADDNVHFQQ SAQISKALVD VGVDFQAMWY
TDEDHGIASS TAHQHIYTHM SHFIKQCFSL PHHHHHH
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Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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