

Dipeptidyl-Peptidase 4 Human Recombinant

Item Number	rAP-1465
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.
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 85.4kDa. DPPIV is fused to a 6 His Tag at C-terminus and purified using conventional chromatography techniques.
Uniprot Accession Number	P27487
Amino Acid Sequence	ADPSRKTYTL TDYLNKNTYRL KLYSLRWISD HEYLYKQENN ILVFNAEYGN SSVFLENSTF DEFGHSINDY SISPDGQFIL LEYNYVKQWR HSYTASYDIY DLNKRQLITE ERIPNNTQWV TWSPVGHKLA YVWNN- DIYVK IEPNLPSYRI TWGKEDIY NGITDWVYEE EVFSAYSALW WSPNGTFLAY AQFNDTEVPL IEYSFYSDS LQYPKTVRVP YPKAGAVNPT VKFFVNTDS LSSVTNATSI QITAPASMLI GDHYLCDVTW ATQERISLQW LRRIQNYSTM DICDYDESSG RWNCLVARQH IEMSTTGWVG RFRPSEPHFT LDGNSFYKII SNEEGYRHC YFQIDKKDCT FITKGTWEVI GIEALTSDYL YYISNEYKGM PGGRNLYKIQ LSDYTKVTCL SCELNPERCQ YYSVSFSKEA KYYQLRCSGP GLPLYTLHSS VNDKGLRVLE DNSALDKMLQ NVQMPSKKLD FIILNETKFW YQMILPPHFD KSKKYPLLLD VYAGPCSQKA
Source	Insect cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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 or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	DPP4 is formulated in 20mM Tris-HCl buffer pH-8, 100mM NaCl, 1mM EDTA and 10% glycerol. Greater than 95.0% as determined by Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	>200 Units/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**