

# Human DPP4 Recombinant Protein



RPPB1584

## Product Information Protein Information

**Product SKU:**

RPPB1584

**Accession:**

P27487

**Host:**

Insect cells.

**Protein 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.

**Appearance:**

Sterile Filtered colorless solution.

**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.

**Formulation:**

DPP4 is formulated in 20mM Tris-HCl buffer pH-8, 100mM NaCl, 1mM EDTA and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by Analysis by SDS-PAGE.

**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 or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

ADPSRKTYTL TDYLNKNTYRL KLYSLRWISD HEYLYKQENN ILVFNAEYGN SSVFLENSTF DEFGHSINDY  
SISPDGQFIL LEYNYVKQWR HSYTASYDIY DLNKRQLITE ERIPNNTQWV TWSPVGHKLA YVWNNDIYVK  
IEPNLPSYRI TWTGKEDIY NGITDWVYEE EVFSAYSALW WSPNGTFLAY AQFNDTEVPL IEYSFYSDS  
LQYPKTVRVP YPKAGAVNPT VKFFVNTDS LSSVTNATSI QITAPASMLI GDHYLCDVTW ATQERISLQW  
LRRIQNYSVM DICDYDESSG RWNCLVARQH IEMSTTGWVG RFRPSEPHFT LDGNSFYKII SNEEGYRHIC  
YFQIDKKDCT FITKGTWEVI GIEALTSYDL YYISNEYKGM PGGRNLYKIQLSDYTKVTCL SCELNPERCQ  
YYSVSFSKEA KYYQLRCSGP GLPLYTLHSS VNDKGLRVLE DNSALDKMLQ NVQMPSKKLD FIILNETKFW  
YQMILPPHFD KSKKYPLLLD VYAGPCSQKA DTVFRLNWT YLASTENIIV ASFDGRGSGY QGDKIMHAIN  
RRLGTFEVED QIEAARQFSK MGFVDNKRIA IWGWSYGGYV TSMVLGSGSG VFKCGIAPAP VSRWEYYDSV  
YTERYMG LPT PEDNLDHYRN STVMSRAENF KQVEYLLIHG TADDNVHFQQ SAQISKALVD VGVDFQAMWY  
TDEDHGIASS TAHQHIYTHM SHFIKQCFSL PHHHHHHH.

**Biological Activity:**

>200 Units/mg.