



Human Dipeptidyl Peptidase-IV

Item Number	rAP-1466
Synonyms	DPP-IV, DPPIV, DPP4, DPP-4, Dipeptidyl Peptidase-IV, Dipeptidyl Peptidase-4, CD26, adenosine deaminase complexing protein 2, Dipeptidylpeptidase-IV, CD-26, ADABP, ADCP2, DPIV, TP103, DP-IV, DP-4, DP4.
Description	Dipeptidyl Peptidase-IV was purified from human placenta cells.
Uniprot Accession Number	P27487
Amino Acid Sequence	
Source	Human Placenta.
Physical Appearance and Stability	Filtered lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	Each 70ng were lyophilized from 29.1µl containing 2mM Tris-HCl, pH 8.0. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	Add deionized water to prepare a working stock solution of approximately 0.5mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Biological Activity	One unit is defined as the amount of enzyme which will hydrolyze 1µm of H-Gly-Pro-pNA per 1min at 25°C, pH 7.8.
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**