

Dipeptidyl Peptidase IV, Human Placenta

CATALOG #:	4709-10
AMOUNT:	10 mU
PURITY:	≥95% by SDS-PAGE
MOLECULAR WT:	350,000
STORAGE:	-70°C . Avoid multiple freeze/thaw cycles
FORM:	Frozen liquid in 2 mM Tris-HCl, pH 8.0.
ACTIVITY:	One unit is defined as the amount of enzyme that hydrolyzes one umole of H-Gly-Pro-pNA per minute at 25°C, pH 7.8.
SOURCE:	Prepared from tissue to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
DESCRIPTION:	Dipeptidyl Peptidase IV is a lymphocyte cell surface antigen which is increased during T-cell activation and is also expressed in other tissues, such as placenta, kidney, etc. It is an atypical serine protease which has been implicated in a variety of biological functions including diabetes, rheumatoid arthritis, T-cell activation, cell-to-cell adhesion, and recently in HIV infection.

RELATED PRODUCTS:

- Human GLP-1 Monoclonal Antibody (**Cat. No. 3104-100**)