

---

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

---

Recombinant Human DPP10 / DPRP3 Protein (His tag)

产品货号: TP06367

第三版

别名:DPL2;DPPY;DPRP-3;DPRP3

**描述:**Inactive dipeptidyl peptidase 10, also known as Dipeptidyl peptidase IV-related protein 3, Dipeptidyl peptidase X, Dipeptidyl peptidase-like protein 2, DPRP-3, DPL2 and DPP10, is a single-pass type I I membrane protein which belongs to the peptidase S9B family. DPP1V subfamily. It may modulate cell surface expression and activity of the potassium channels KCND1 and KCND2. DPP10 / DPRP3 has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Genetic variations in DPP10 are associated with susceptibility to asthma (ASTHMA). The most common chronic disease affecting children and young adults. It is a complex genetic disorder with a heterogeneous phenotype, largely attributed to the interactions among many genes and between these genes and the environment. It is characterized by recurrent attacks of paroxysmal dyspnea, with weezing due to spasmodic contraction of the bronchi.

**配方:**PBS

**分子量:**87.4 kDa

**序列:**Leu 56-Glu 796

**纯度:**> 95% by HPLC

**浓度:**

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.